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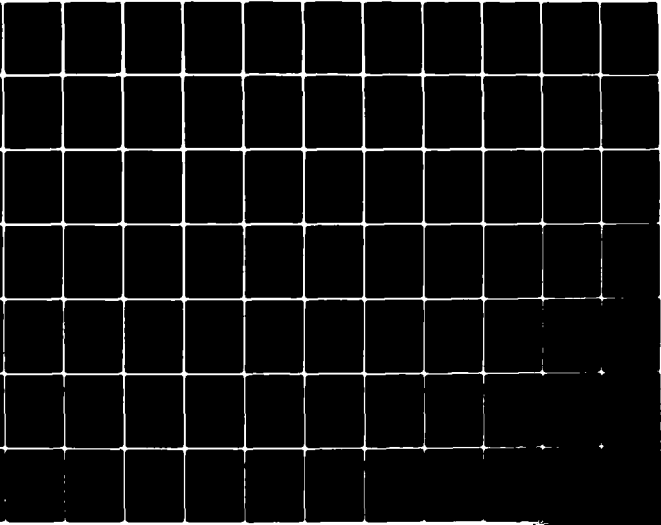
MARINE CORPS PROVISIONING POLICY REVIEW STAFF STUDY REPORT.(U)

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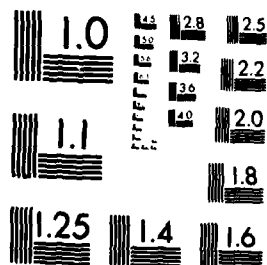
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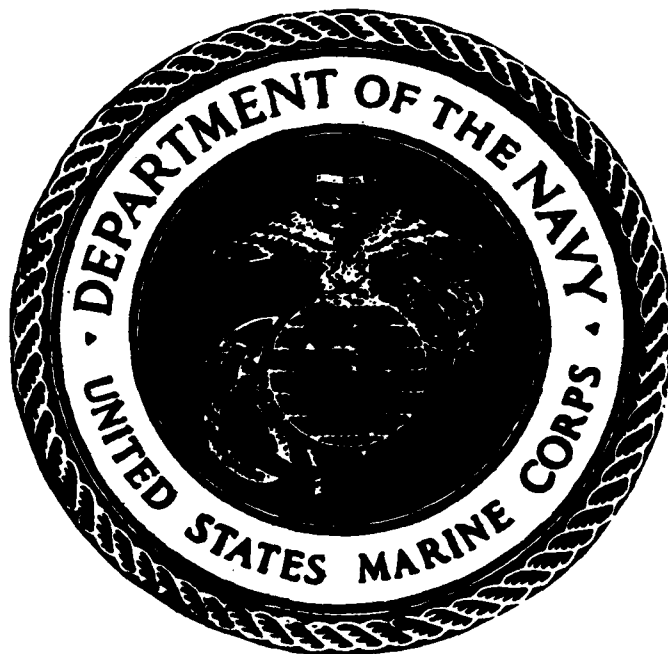
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MARINE CORPS PROVISIONING



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POLICY REVIEW

STAFF STUDY REPORT

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DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D.C. 20380

IN REPLY REFER TO

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11 28 OCT 1964

From: Commandant of the Marine Corps
To: Distribution List

Subj: Marine Corps Provisioning Policy Review Staff Study Report.

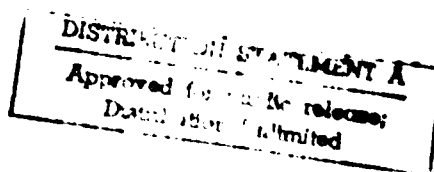
1. The study objectives were to determine if the current provisioning policy provided for stated equipment availability at minimum cost, to identify improvements in current policy that would achieve a given equipment availability at reduced cost, and to identify areas for further study.
2. In accomplishing the above objectives, thirty-four provisioning projects across all three active Marine Amphibious Forces were studied.
3. The results of the study are concurred in.
4. A copy of this letter will be affixed inside the front cover of each copy of the subject study report prior to its distribution.

H. A. Holt

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H. A. Holt
Deputy Chief of Staff
for Operations and Logistics




211100

1 AUG 1980

PROVISIONING POLICY REVIEW STUDY REPORT

Completed for the Deputy Chief of Staff for Installations and Logistics by the following staff members:


Signature

Chairman: Colonel J.W. Brown, HQMC, Code LMM

Members: Colonel R.N. Rackham, MCLB, Albany, Ga.
Lt. Colonel A.H. Dow, MCLB, Albany, Ga.
Major P.P. Darling, HQMC, Code LPP
Captain D.L. Chadwick, HQMC, Code LPS
Captain C.G. Durand, HQMC, Code LMM
Mr. K.R. Storms, HQMC, Code LMA

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PROVISIONING POLICY STUDY REPORT

EXECUTIVE SUMMARY

Background

Marine Corps Order P4400.79C (Provisioning Manual) was last published in July of 1976 with subsequent changes having been promulgated in July of 1977 and in March and June of 1978. The purpose of the Provisioning Manual is to establish the Marine Corps' basic policy concerning the actions to be taken to insure adequate and timely initial support for the introduction of new weapons systems and equipments into the Marine Corps. Within those essential provisioning actions to be taken is the identification, computation, acquisition and positioning of initial spares (reparable components)/repair parts that are necessary to insure that the Fleet Marine Forces realize a high degree of availability of the new end-items during their introductory period.

Problem

The Fleet Marine Force's provisioning experience, since the 1976 publication of the Provisioning Manual, has generated a consensus that the current provisioning policy contributes to inordinate spare/repair parts excesses and deficiencies but does not necessarily contribute to high levels of weapons system or equipment availability during introduction. However, this consensus has not been validated by any quantifiable information since the publication of the Provisioning Manual. Efforts by the Marine Corps Logistics Base, Albany, Georgia to develop a Provisioning Effectiveness Evaluation System have been frustrated due to the more pressing requirement for the development of the Marine Corps Standard Supply System (MSSS). Consequently, on 14 September 1979, the DC/S for I&L established a Study Group for Provisioning Policy Review to attempt to resolve this problem. The Study Group was chartered to conduct a thorough review and analysis of the Marine Corps provisioning policy in light of experience acquired in the Fleet Marine Forces subsequent to promulgation of the Provisioning Manual. The charter did not include review and analysis of policy with regards to initial issue computational factors, in-stores system war reserve stock, system stock, or the assembly and distribution of the initial issue.

Scope

The Study Group was authorized to solicit comments, recommendations and data for the study from any source within the Marine Corps and to determine the specific causes contributing to excesses and deficiencies. The authority of the Study Group was specifically limited to an advisory capacity with actions to be confined within an approved study plan. (Annex B).

Methodology

A study plan that set forth eleven specific tasks to be accomplished

by the Study Group was approved by the DC/S for I&L on 27 October 1979. (Annex C). Within those tasks, the study plan charged the Study Group to establish measures of effectiveness; to establish a data base; to conduct an in-depth analysis of the data; to evaluate effectiveness and to identify recommended changes to provisioning policy. The accomplishment of those tasks have been identified and approved by the submission of progress reports. (Annexes D, E, F, and G).

Results

There were two significant results of this study:

(1) On 3 June 1980, the DC/S for I&L was briefed by the Study Group of the preliminary finding that there is overwhelming evidence of over-provisioning. In addition, if the preliminary recommendations identified by the Study Group, had been implemented in the case of the projects under analysis by the Study Group, the provisioning availability of the end items was estimated to have been 94%. (This 94% availability compares to the average 95.5% availability under the current policy). However, the investment for those projects would have been reduced by approximately 35% had the recommended policy been in effect. Thus, the recommended changes to policy were forecasted to have yielded an equipment weapons system availability of 94% while decreasing the funds investment by 35%. Consequently, the DC/S for I&L submitted a decision memorandum on June 20 1980 to the Assistant Commandant and Chief of Staff of the Marine Corps recommending that: the Marine Corps neither acquire nor provide repair parts for garrison operating level initial issue stock when a local vendor, contractor or integrated materiel manager source is available; the Marine Corps neither acquire nor provide insurance item repair parts for an initial issue mount out that do not compute to an allowance when the repair part is readily available from an integrated materiel manager or from the commercial market. (Annex H).

(2) In order to quantify the analysis of the effectiveness of current provisioning policy, a computer program to interrelate various MIMMS/ SASSY files was developed by the Study Group. This compilation of the data elements represents a significant achievement. This program is recommended to be used by MCLB Albany as the Provisioning Effectiveness Evaluation Reporting System. (Annex I).

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STATEMENT OF OBJECTIVES

The study objectives derived from the mission and operation statements set forth in the study charter are:

- a. Determine if current provisioning policy provides for stated equipment availability at minimum cost.
- b. Identify improvements in current policy that are necessary to achieve stated equipment availability at reduced cost.
- c. Identify areas that may require additional study.

MAJOR FACTORS AND FACTS

a. Experience in the FMF has indicated that current provisioning policy has resulted in spare/repair parts excesses and deficiencies.

b. The following DOD provisioning policies were considered as major factors by the Study Group:

(1) The principle objective of provisioning is to assure the timely availability of minimum initial stocks of support items at using organizations and at maintenance and supply activities to sustain the programmed operation of end items until normal replenishment can be effected, and to provide this support at minimized initial investment cost. (A/1 p.2).

(2) Calculated risks should be taken during the initial support period by deferring procurement of part of the computed requirements whenever such risks are acceptable in the context of available resources. (A/1 p.3).

(3) The use of contractor/vendor support during the early end item production period should be used when considered to be cost-effective. (A/1 p.5).

(4) Commercially available end items will not be provisioned without first validating a need for on-hand inventories of support items in lieu of reliance on commercial sources for support. (A/1 p.6).

(5) War reserve/mobilization stocks of support items will not be procured during the early introduction phase of new end items into the operating inventory. Such stocks may be procured and positioned with an end item only at the time the end item is assigned to a major military mission. (A/1 p.7, A/5 pp.2-16).

(6) Initial retail levels of spare and repair parts (GOL) will be limited to order and shipping time (OST) requirement plus an initial operating level of one. (A/1 pp.7&9).

c. The Marine Corps' primary mission is a Force in readiness, consequently combat essential equipment is assigned a major military mission upon its introduction into the Marine Corps.

d. Due to the scope of initial provisioning, a review of initial provisioning policy for in-stores prepositioned war reserve materiel requirements was excluded from this study. (A/4 p.5, A/5 pp.2-16, A/6 pp.4-5, A/27 pp.4-7).

e. Due to the scope of initial provisioning and an on-going related study, a review of provisioning policy for initial system stock was excluded from this study. (A/6 pp.4-8).

f. Non-combat essential general purpose electronic test and measuring equipment may be supported by contractor support for an initial period of operation. (A/17 p.3, A/18, A/19).

g. Training materiel support will be provided by training materiel accountable commanders. (A/3 p.6).

h. Designated critical low density end items will be provided a 180 day level initial issue garrison operating level (GOL) of spare and repair parts. The 180 day level includes initial prepositioned war reserve materiel normally retained in the stores system. (A/10 p.2).

i. Supply and maintenance support of classified spare and repair parts of cryptographic equipments are provided by the Naval Supply Systems Command. (A/12 p.1).

j. Due to the scope of initial provisioning, a review of initial provisioning policy for the derivation of repair parts failure rates and maintenance factors was excluded from this study. (A/6 pp.1-14, A/16, A/26).

k. Initial cannon tube and cannon assembly requirements are computed by Headquarters, Marine Corps (IMW) based on an analysis of class V(W) planning factors. (A/20 p.1).

l. Due to the scope of initial provisioning a review of the policy and procedures for assembling and providing the initial issue spares and repair parts to supported units was excluded from this study.

ASSUMPTIONS

a. The following Marine Corps policy for war reserve materiel may be modified for specific weapon systems/equipments when readiness can be achieved through alternative means.

(1) War reserve materiel requirements for weapon systems/equipments are calculated to support each MAF and the 4TH Division Wing Team for the period of support authorized by the current edition of the Secretary of Defense Consolidated Guidance.

(2) War reserve materiel for weapon systems/equipments will be procured to meet the stated requirement, subject to budgetary restrictions which may be imposed by higher authority during the POM development and Budget process.

(3) War reserve materiel for Weapon Systems/Equipment will be held in the Marine Corps stores system in a protected status, less those assets held by Active Forces as mount-out. These assets are afforded the same protection and high state of readiness as those held by the FMF and in the stores system.

b. The minimum acceptable readiness goal for newly introduced equipment availability will be as stated in the equipment Required Operational Capability (ROC) document.

c. The MIMMS (Marine Integrated Maintenance Management System) Equipment Repair Order History File provides a spare/repair parts empirical data base.

DISCUSSION

Since experience has indicated that the current provisioning policy has resulted in spare and repair part excesses and deficiencies, the study group set out to validate and quantify the magnitude of these inaccurate predictions. In order to do this, a set of measures of effectiveness (MOE's) was developed and applied to both consumable and reparable spares/repair parts. These MOE's provided specific figures for such factors as: the fraction of a time period an end item was deadlined awaiting parts; the cost of GOL shortages and overages with respect to the total cost of the initial issue package stated as a percentage; the percentage of provisioned NSN's with no demand with respect to the range of NSN's provisioned; the number of critical parts ordered NOR's (not operational ready supply) during the provisioning period and the cost of the initial issue. (Annex J).

Thirty-seven initial issue provisioning projects were analyzed using the set of nine measures of effectiveness. The projects' in-service dates ranged from February 1977 to November 1979. Ideally, these projects would have been selected randomly across all commodity areas. However, the projects were chosen solely upon the availability of initial issue consolidated lists. Fortunately, an analysis of a broad spectrum of equipment types was still possible. Projects included in the study ranged from air conditioners and trucks to communications and electronic equipment. (Annex K).

The inputs necessary to compute the measures of effectiveness were derived from a variety of sources. The MIMMS equipment repair order history file was compared to the SASSY master header information file (MHIF), the general account balance file (GABF), and the maintenance float balance file (MFBF). (Annex I). The data thus generated were used as inputs to calculate the measures of effectiveness. The distillation of these data elements represents a major achievement of the study. Table I, Annex J shows the formulas and the sources of the data elements for these calculations.

In comparing demand to quantities provisioned, maintenance history files from I MAF, II MAF, and III MAF, covering the period from late 1978 to early 1980 were analyzed. Utilizing an approximate 16 month maintenance history window (485 days) results in fractional part usage when the average demand for parts over the smaller provisioning period (60 days)

is calculated. For example, if nine demands are recorded for a part over the 16 month period, then the average monthly usage is 9 divided by 16, for an average demand of .5625 parts per month. If one is provisioning for a 2-month period (60 days), then on the average one may expect a demand for 1.125 parts during the provisioning period. How one treats the .125 fractional usage is called a rounding policy. In Annex J, Table III, the measures of effectiveness which change with the rounding policy are displayed. As one rounds up from smaller fractional amounts, such as .15 which roughly corresponds to one demand during the 16 month period, more evidence of demand appears in the data. Therefore, the rounding policy one chooses will have an impact on those measures of effectiveness which are a function of demand.

CONCLUSIONS

Regardless of the rounding policy, the inescapable conclusion is that, under the present policy, over provisioning occurred in every project that was studied for both consumables and reparable. In approximately 65% of the projects studied, there was no demand at all for the range of consumable items provisioned. Where demand did exist, it was a small fraction of the quantities provisioned (MOE's 2 and 5, Annex J). The evidence of overprovisioning for reparable was particularly conclusive. Only one project showed a demand for a provisioned reparable. Instances of shortages due to range (i.e., there was demand for an item that was not provisioned), were more numerous than shortages due to depth (i.e., where demand exceeded the provisioned quantity). Across all three FSSG's an average of 21% of the projects studied evidenced shortages due to range, while an average of 9% of the projects experienced shortages in depth. The overall equipment repair parts availability of the 37 initial provisioning projects was 94%. That is, during the 16-month maintenance period analyzed, the average end item was not awaiting parts 94% of the time. This is termed provisioning availability. Provisioning availability does not account for downtime due to repairs in progress or awaiting repairs. This overwhelming evidence of overprovisioning led the study group to recommend the following policy changes.

RECOMMENDATIONS

a. That initial issue garrison operating level (GOL) of repair parts neither be acquired nor provided to support the introduction of new end items into the FMF when the end item is under a one year warranty and a repair parts vendor is locally available.

b. That initial issue garrison operating level (GOL) of repair parts neither be acquired nor provided to support the introduction of new end items into the FMF when a one year repair parts basic ordering agreement is established in the end item contract to permit FSSG's to acquire repair parts as needed.

c. That initial issue garrison operating level (GOL) of repair parts neither be acquired nor provided to support the introduction of new end items into the FMF when the Marine Corps is already registered as a user of the

repair part, and the repair part is managed and stocked by an integrated materiel manager or service. (Refer to Figure 1.)

d. That initial issue mount-out (MO) levels of repair parts that do not compute to an allowance for a 60 day period (or a 180 day period for designated critical low density end items) neither be acquired nor provided as insurance items when the Marine Corps is already registered as a user of the repair part and the repair part is managed and stocked by an integrated materiel manager or service.

e. That initial issue mount-out (MO) levels of repair parts that do not compute to an allowance for a 60 day period (or a 180 day period for designated critical low density end items) neither be acquired nor provided as insurance items when the repair part is a consumable repair part readily available on the commercial market and is not a discrete consumable or repairable which is part of a critical low density end item.

f. That initial issue mount-out (MO) levels of repair parts that do not compute to an allowance (60 day period or a 180 day period for designated critical low density end items) neither be acquired nor provided as insurance items when; the repair part is a consumable repair part, not readily available on the commercial market, or stocked by an integrated materiel manager or service, and is unique to a repairable item only.

g. That initial issue mount-out (MO) levels of repair parts that do not compute to an allowance (60 day period or a 180 day period for designated critical density end items) neither be acquired nor provided as insurance items for support of low density end items when the repair part does not compute to an allowance for a 360 day period. (Refer to Figure 2.)

h. That the Provisioning Effectiveness Evaluation System developed during the study be utilized for continuing evaluation of initial issue provisioning effectiveness.

i. That follow-on studies be conducted to review the following provisioning policies:

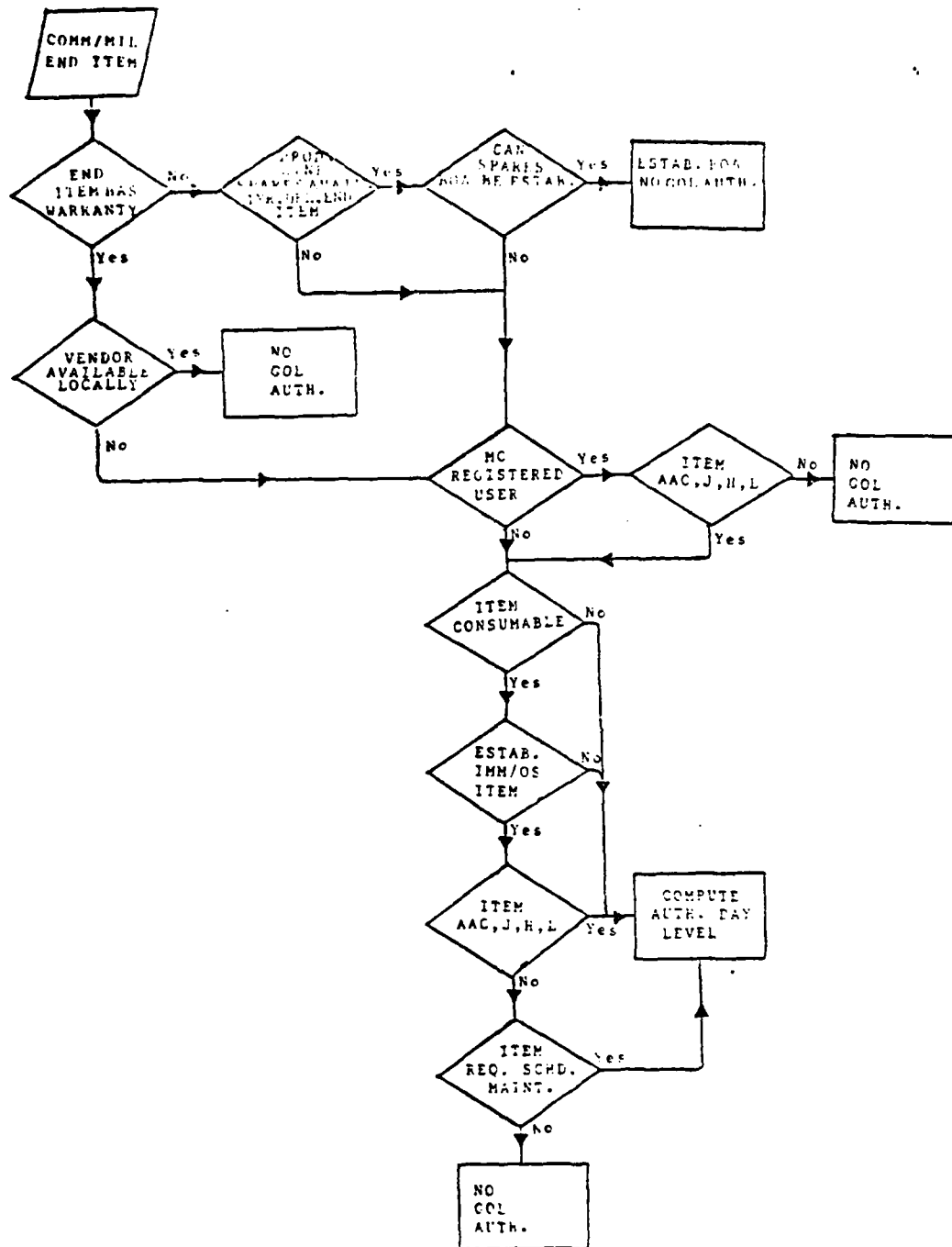
(1) Policy for evaluating and updating repair parts failure rates, order-ship-times, maintenance replacement rates, repair cycle times, repair rates, and wash-out rates used for initial provisioning requirements computations.

(2) Policy for determining and acquiring initial provisioning in-stores prepositioned war reserve.

(3) Policy for determining and acquiring initial provisioning system stock.

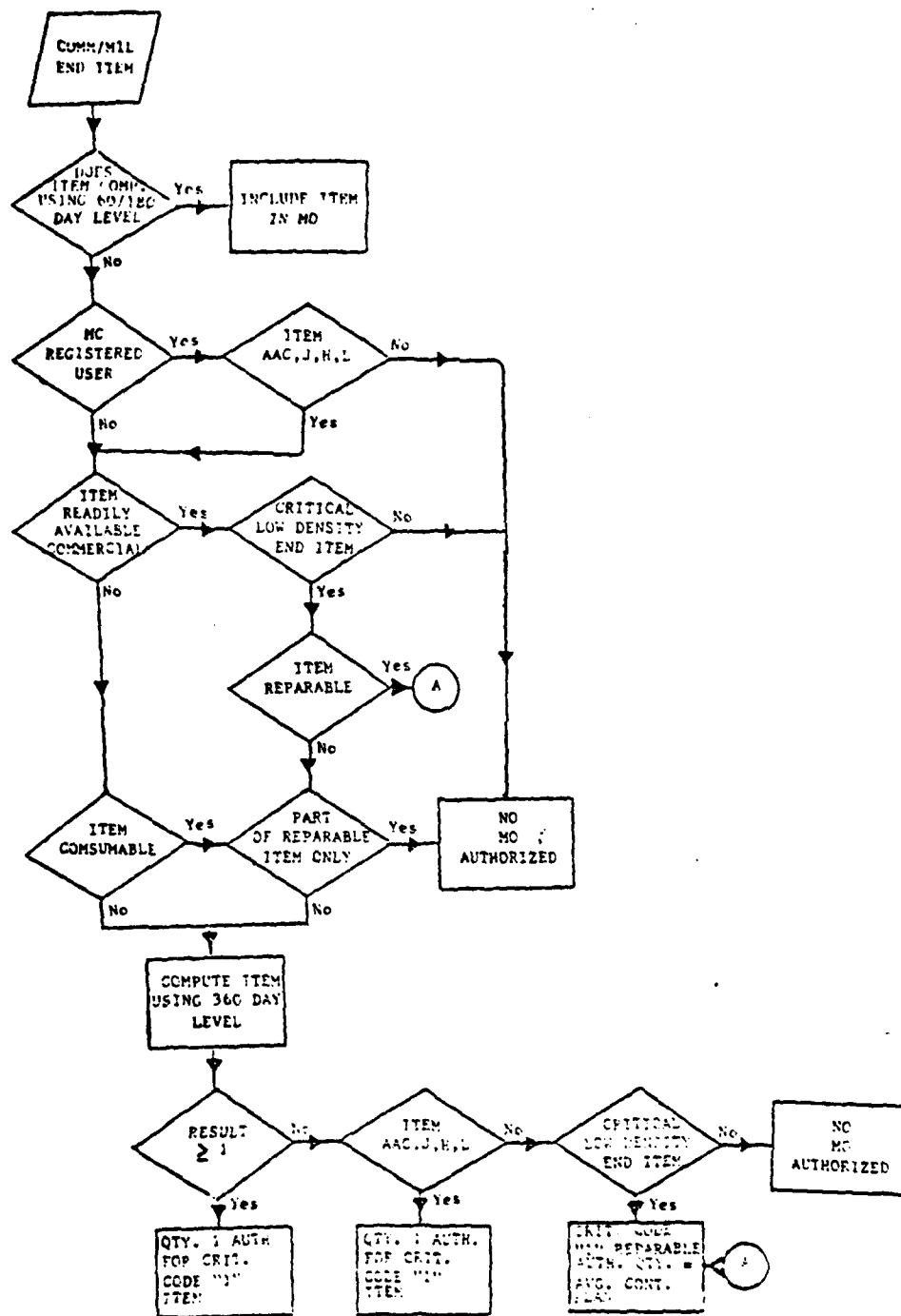
(4) Policy and procedures for assembling and distributing initial issue (GOL and MO) spares/repair parts to supported units.

GARRISON OPERATING LEVEL (GOL) POLICY CHANGES
(FIGURE 1)



MOUNT-OUT (MO)/CRITICAL LOW DENSITY POLICY CHANGES

(FIGURE 2)



ANNEX A

BIBLIOGRAPHY

1. DOD D 4140.40 Basic Objectives and Policies on Provisioning of End Items of Materiel
2. DOD I 4140.42 Determination of Initial Requirements for Secondary Item Spares and Repair Parts
3. MCO 1551.1F Training Materiel
4. MCO 4400.32B Policy for Logistics Support of New Equipment Introduced Into The Marine Corps
5. MCO P4400.39D War Reserve Policy Manual
6. MCO P4400.79C Provisioning Manual
7. MCO 4400.120 Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes
8. MCO P4400.123B FMF SASSY Accounting Manual Volume II
9. MCO P4400.125 SASSY Management Unit Procedures
10. MCO 4400.141 FMF SASSY Accounting Manual Volume IV
11. MCO P4410.22A Maintenance Float Procedures
12. MCO 4408.2D Critical Low-Density Equipment Secondary Item Support
13. MCO 4140.26M Vol I Elimination of Duplication in the Management of Logistics Support of Multi-Used Non-consumable Items
14. DOD 4140.26M Vol II Spare Parts Support, Maintenance, and Repair of Cryptographic Equipment
15. MCO 4710.2E Defense Integrated Materiel Management Manual for Consumable Items Volume I Commodity Oriented Items
16. MCO 4856.1A Defense Integrated Materiel Management Manual for Consumable Items Volume II Weapon System Oriented Items
17. MCO 10510.18 Engineer/General Supply Equipment Repair Criteria
18. SC-04294B Maintenance Engineering
19. SC-6625/2 Policy and Responsibility for Electronic Test and Measuring Equipment
20. SI-4400-15/1 Calibration Complex Transportable AN/TSM-119 Support Concept
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22. Habor and Sitgraves, "A Unified Model for Demand Prediction in the Context of Provisioning and Procurement", George Washington University, May 1971

ANNEX A (Cont.)

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23. D.A.Orr, "New Concepts For Provisioning Parameter Estimates: Part I: Maintenance Factors and Replacement Rates", and "Part II: Task Descriptions and Washout Rates", U.S. Army Logistics Management Center, December 1976
24. R.B.Ringo and T.H.Allen, "Marine Corps Materiel Throughput Distribution System(1977-1986)", SRI International, January 1979
25. Naval Audit Service, "Principal End Item Requirements Determination at HQMC", January 1979
26. Marine Corps Level of Repair Analysis Model Description
27. OMC Letter LMO-2-KRS/mb dated 6 March 1978 to CG, MCLA, Albany, Georgia

DATE 14 SEP 1979

Memorandum

FROM Deputy Chief of Staff for Installations and Logistics

TO Colonel Jerome W. Brown, USMC

SUBJ Provisioning Policy Review, Study Group for

REF: (a) MCO P4400.79c

1. The reference prescribes the provisioning policy and management principles for the identification, computation, acquisition and positioning of initial spares/repair parts, that are necessary to support the introduction of end items into the Fleet Marine Forces. This directive has been in effect approximately three years and, as with any complex management process, the expected results of actual spare/repair parts usage/demands are not always realized. Experience has shown that current provisioning policy has resulted in spare/repair part excesses and deficiencies. Consequently, an in-depth review of current provisioning policies is required in order to determine the specific causes contributing to excesses and deficiencies.

2. I am hereby establishing a study group in accordance with the following charter:

a. Section I

Mission: Conduct a thorough review and analysis of Marine Corps provisioning policy in light of experience acquired subsequent to promulgation of MCO P4400.79c.

b. Section II

Membership:

(1) Composition: Representatives to the Study Group are as follows:

<u>Billet</u>	<u>Members/Organization</u>
Chairperson	Col. J. W. Brown, USMC
Provisioning member	Mr. K. R. Storms, LMA

ANNEX B

Subj: Provisioning Policy Review Study Group for

<u>Billet</u>	<u>Members/Organization</u>
Operations research/analyst member	Major P. Darling, LPP
Systems/modeling member	Captain D. Chadwick, LPS
SASSY/MIMS member	Captain G. Durand, LPM
Provisioning member	To be designated - MCLB, Albany, GA

c. Section III

Operation:

(1) Members shall convene at the call of the chairperson and perform tasks as assigned by the chairperson. The Study Group shall:

(a) Review, assess and establish measures of effectiveness of current provisioning policy.

(b) Identify data sources, data elements, and field activities requiring liaison trips to establish a data base for analysis of current provisioning policy.

(c) Collect data to include end items for each commodity area within the demand development periods of one, two, three and four years.

(d) Conduct an in-depth analysis of the data to evaluate effectiveness of current provisioning policy and identify recommended changes thereto.

(e) Subject each recommended change to provisioning policy to analysis/modeling to quantify the performance of each alternative with an approved measurement of effectiveness.

d. Section IV

Authority and Reporting Procedures:

(1) The Study Group shall have authority to solicit comments, data, and recommendations for this study from any source within the Marine Corps.

(2) The authority of the Study Group is limited to an advisory capacity and shall not be directive in nature.

(3) Duration of this study is to be determined by the memorandum. Request for extension thereof will be considered dependent on justification.

Subj: Provisioning Policy Review Study Group for

(4) The Study Group chairperson shall be responsible for reporting the progress and the results of the Study Group actions to the Deputy Chief of Staff for Installations and Logistics and Director, Materiel Division. Progress reports shall be submitted as deemed appropriate but not less than bi-monthly.

(5) The Study Group will be formally dissolved at the direction of the chairperson upon completion of the mission.

3. The Study Group shall establish a study plan, including milestones of scheduled actions, and resource requirements for TAD trips, and submit the plan to me for approval within two weeks from the date of this memorandum.

H. A. HATCH

Copy to:

LMC

LPS

LFP

LAM

DATE 28 SEP 1979

Memorandum

FROM: Chairperson, Marine Corps Provisioning Policy Review Study Group

TO: Deputy Chief of Staff for Installations and Logistics

SUBJ: Marine Corps Provisioning Policy Review Study

Ref: (a) DC/S, I&L memo LMA-1-KRS/elt memo dtd 14 Sep 79
to Col. J. W. Brown

Encl: (1) Marine Corps Provisioning Policy Review Study Plan

1. As directed by the reference, the enclosure is forwarded for approval.


JEROME W. BROWN

Copy to:
Dir., Mat Div. w/enclosure

DC/S I&L Action:

Approved H. Q. Huth 22 Oct 79

ANNEX C

MARINE CORPS
PROVISIONING POLICY
REVIEW STUDY
PLAN

ANNEX C

A. General Discussion.

On 14 September, 1979, the Deputy Chief of Staff for Installations and Logistics (DC/S, I&L memo LMA-1-KPS/elt) directed that a "Provisioning Policy Review Study Group" be established to conduct a thorough review and analysis of Marine Corps provisioning policy in light of the experience acquired subsequent to promulgation of MCO P4400.79C. (Marine Corps Unified Materiel Management System Provisioning Manual). This Provisioning Manual prescribes the policy and management principles for the identification, computation, acquisition and positioning of initial spares/repair parts, that are currently considered necessary to support the introduction of end items into the Fleet Marine Forces. The current Provisioning Manual has been in effect approximately three years. The DC/S, I&L memo pointed out that experience has shown that current provisioning policy has resulted in spares/repair parts excesses and deficiencies. Consequently, an in-depth review of current provisioning policies is required in order to determine the specific causes contributing to excesses and deficiencies. This Study Plan is established for the purpose of facilitating the orderly review and analysis of provisioning policy and is submitted for approval as directed by the DC/S I&L memo.

B. Initial Assumptions.

1. The following Marine Corps policy for War Reserve Materiel may be modified for specific Weapons Systems/Equipment when readiness can be achieved through alternative means:

(a) War Reserve Materiel Requirements for Weapons Systems/Equipment are calculated to support each MAF and the 4th Division Wing Team for the period of support authorized by the current edition of the Secretary of Defense Consolidated Guidance.

(b) War Reserve Materiel for Weapons Systems/Equipments will be procured to meet the stated requirement, subject to budgetary restrictions which may be imposed by higher authority during the POM development and budget process.

(c) War Reserve Materiel for Weapons Systems/Equipments will be held in the Marine Corps stores system in a protected status, less those asset held by active forces as Mount Out (60 day level). These assets are afforded the same protection and high state of readiness as those held by the FMF and in the stores system.

2. The minimum acceptable readiness goal for newly introduced equipment availability will be that as stated in the Equipment Required Operational Capability (ROC) Document.

C. Specific Tasks. The specific tasks to be accomplished follow and the planned completion milestones are contained in Figure (1).

ANNEX C

Task 1: Review current provisioning policy documentation and past related study efforts.

Task 2: Establish specific study assumptions, objectives and measures of effectiveness:

- (a) Topics to be addressed
- (b) Priority of topics
- (c) Assign Study Group members specific areas of responsibilities.
- (d) Establish measures of effectiveness ((i.e.): (a) cost/availability, (b) cost & number of items in excess, (c) cost & number of items deficient, (d) cost & number of items utilized, (e) percentage of cost and number of items excesses, (f) percentage of cost and number of items deficient), (g) NORS experience).

Task 3: Identify listing of Initial Issue Projects and End Items to be analyzed during the study:

- (a) Include Principal End Items from each commodity area.
- (b) Include Initial Issue Projects within the following demand development periods:
 - (1) One Year
 - (2) Two years
 - (3) Three years
 - (4) Four years

Task 4: Submit progress report and obtain approval of study assumptions, objectives, and measurements of effectiveness from the DC/S, I&L.

Task 5: Establish data elements and sources required for analysis, such as:

- (a) MIMMS/SASSY - repair/demand data.
- (b) End item utilization data (e.e number of end items in use, operating hours, rounds/miles).
- (c) Initial issue listings

ANNEX C

(d) Failure/repair factors used for computations.

(e) Failure/repair factors predicted by manufacturers/
other service/agencies.

Task 6: Collect/request data in specific formats and establish data base for further analysis to include military and commercial activities external to the Marine Corps:

(a) Conduct preliminary data analysis.

(1) Review data in view of study objectives.

(2) Identify field activities requiring liaison
trips by Study Group:

a Clarify questions raised during pre-
liminary data review.

b Clarify data elements and sources.

c Establish points of contact.

Task 7: Submit progress report to the DC/S, I&L.

Task 8: Conduct in-depth analysis of data to evaluate current provisioning policy:

(a) Identify trends/causes for deficiencies/excesses.

(b) Identify current strengths and weaknesses.

(c) Determine current policy performance in regard to
measurements of effectiveness. (i.e., cost/availability/excesses/
deficiencies).

(d) Recommend potential improvements to current policy.

Task 9: Submit progress report containing potential provisioning
policy improvements to the DC/S, I&L.

Task 10: Identify optional policies (i.e., warranties, contractor support, contractor provisioning, commercial support, limited initial support) and develop models to assist in evaluating impact and performance of the various alternatives. Utilize actual field data and consider both combat and peacetime usage. Subject each policy to the model

ANNEX C

to quantify the performance of each alternative with a measurement of effectiveness. Compare model results to measurement of effectiveness and identify each alternative's strengths and weaknesses.

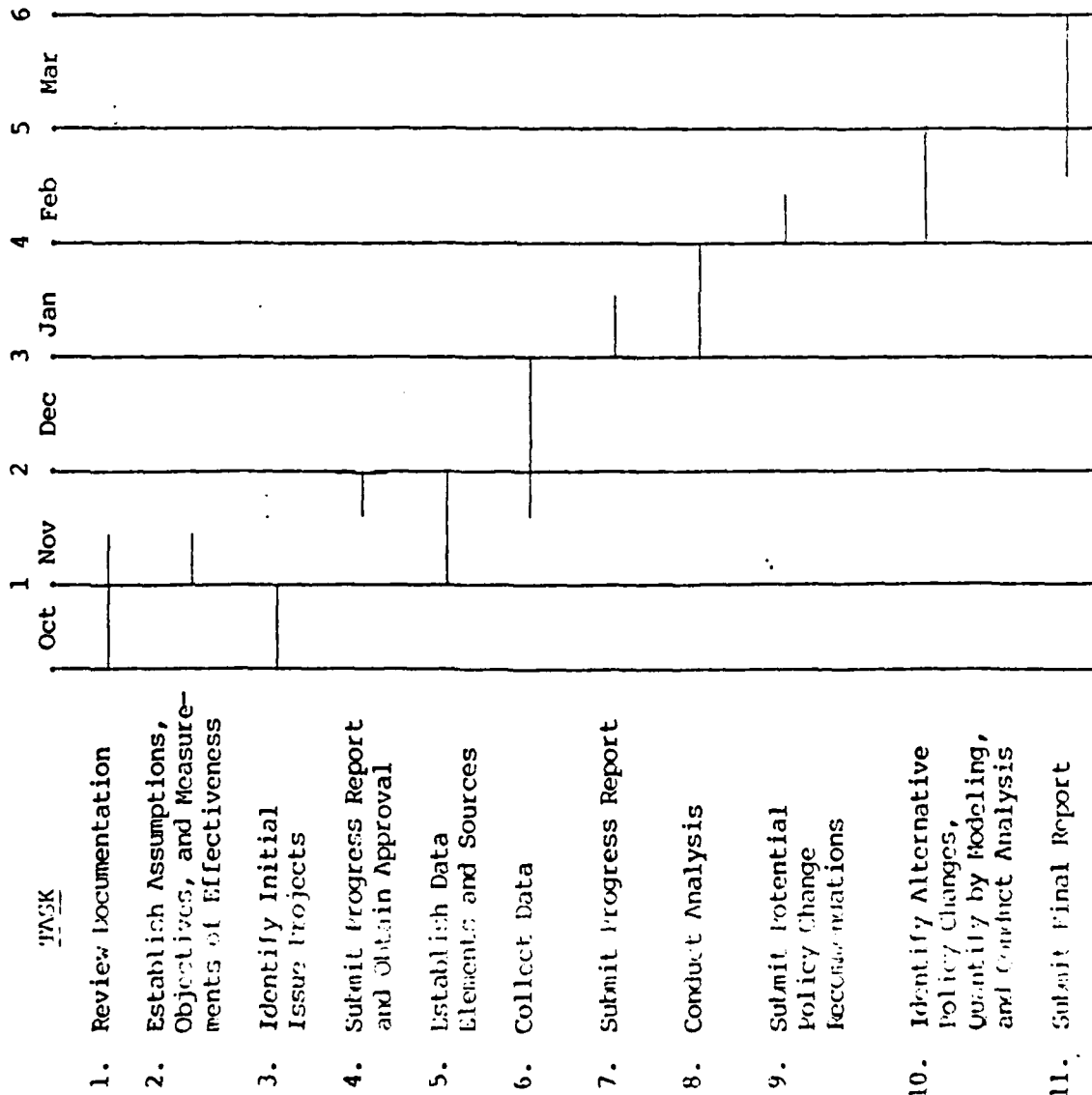
Task 11: Submit a final report of the Study Group's findings and recommendations to the DC/S, I&L for approval.

14Sep79

PAGE

FIGURE 1 - STUDY SCHEDULE AND MAN-LOADING REQUIREMENTS

Calendar Time in Months



Direct - Labor					ANNEX C				
Man - Months									
LPP	LPS	LAM	LMA	MCLBA	LPP	LPS	LAM	LMA	MCLBA
1	3/4	1/2	1/2	1/2	1	3/4	1/2	1/2	1/2
1/8	1/2	1/4	1/2	1/2	1/8	1/2	1/4	1/2	1/2
				1					
1/8		1/16	1/2		1/8		1/16	1/2	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
1	3/4	3/8	1 1/2	1	1	3/4	3/8	1 1/2	1
1/8		1/16	1/2		1/8		1/16	1/2	
3/4	1	1/4	1/2	1/2	3/4	1	1/4	1/2	1/2
1/8		1/16	1/2	1/2	1/8		1/16	1/2	1/2
3/4	1	1/4	1	1	3/4	1	1/4	1	1
1/8		5/16	1	1/4	1/8		5/16	1	1/4

TOTAL

4 5/8 4 1/2 2 5/8 7 5 3/4

ANNEX C

PROJECTED RESOURCE REQUIREMENTS

TEMPORARY ADDITIONAL DUTY

<u>ITINERARY</u>	<u>NUMBER OF PERSONNEL</u>	<u>NUMBER OF DAYS</u>	<u>ESTIMATED COST</u>
III MAF	3 (HQMC)	7	
	1 (MCLBA)	7	
I MAF	3 (HQMC)	3	Travel \$4,576
	1 (MCLBA)	3	PerDiem 2,856
MCB, 29 Palms	3 (HQMC)	2	
	1 (MCLBA)	2	Other 500
MCLB, Barstow	3 (HQMC)	1	
	1 (MCLBA)	1	Subtotal \$7,932
II MAF	3 (HQMC)	4	\$1,120
	1 (MCLBA)	4	
MCLB, Albany	3 (HQMC)	3	\$889
MCLBA	3 (HQMC)	3	\$889
HQMC	1 (MCLBA)	3	\$388
HQMC	1 (MCLBA)	3	\$388
HQMC	1 (MCLBA)	3	\$388
HQMC	1 (MCLBA)	3	\$388
HQMC	1 (MCLBA)	5	\$518
National Automotive Parts Association 29 E. Madison St. Chicago, Ill	3 (HQMC)	3	
	1 (MCLBA)	3	\$1,716
International Harvester Melrose, Ill	3 (HQMC)	2	
	1 (MCLBA)	2	\$1,716
Sperry Univac Washington, DC	3 (HQMC)	1	N/A
	1 (MCLBA)	2	N/A
			TOTAL \$14,616

Memorandum

LMM-KRS/elt
4400/40
11 DEC 1979

FROM: Chairman, Marine Corps Provisioning Policy Review Study Group

TO: Deputy Chief of Staff for Installations and Logistics
VIA: Director, Materiel Division

SUBJ: Progress Report

REF: (a) Marine Corps Provisioning Policy Review Study Plan, approved 15Oct79
(b) CMC ltr LMM-KRS/elt, 4400.40 dtd 30Nov79 to CG, MCLB, Albany, GA

ENCL: (1) Bibliography
(2) Bibliography of Studies Review to Date
(3) Measures of Effectiveness

1. As required by reference (a), the following progress report is hereby submitted:

a. Task 1 has been completed. However, there will be a continuing need to review provisioning policy documentation identified in enclosure (1) and related studies identified in enclosure (2) as the study progresses.

b. Task 2 has been completed and enclosure (3) identifies the measures of effectiveness (MOE's) that have been developed by the study group. The MOE's were coordinated within FMFPac during a liaison visit by the chairman and Colonel R. N. Rackham, the Marine Corps Logistics Base, Albany member of the study group.

The 13 MOE's are designed to identify in a quantifiable manner the efficacy of current provisioning policy.

Since the basic objective of provisioning policy is to provide adequate and timely initial support for newly introduced equipments, a measure of an end item's operational availability is important. The equipment uptime divided by the sum of equipment uptime plus Not Operational Ready Supply (NORS) time will reflect this availability. (MOE #1)

As an indication of the monetary implications of shortages and overages, the unit cost of a part will be used to calculate the total cost of shortages (MOE #2) and overages (MOE #3) in both range and depth. The measure of effectiveness will then be expressed as a percentage of the total cost of the initial issue provisioning package (IIP) for both Garrison Operating Level (GOL) and, in the case of overages only, Mount Out (MO) stocks. (MOE #4)

ANNEX D

Subj: Progress Report

As a reflection of an IIP's appropriate makeup, the percentage of items in the range of the IIP with no demand will be determined (MOE #5). Additionally, the percentage of items in the range of the IIP which qualify as RO in the FSSG and CIP accounts will be determined (MOE #6). As a further refinement, the number of critical parts which qualified as RO in the FSSG and CIP accounts and were not part of the IIP will be calculated. (MOE #7)

Another monetary indicator will be the total cost of initial issue items which did not qualify as RO in the FSSG and CIP accounts (MOE #8). In order to reflect the cost of essential items in the IIP, the cost of criticality code 1 items will be expressed as a percentage of the total cost for the IIP. (MOE #9) The adequacy of the range and depth of the IIP will also be reflected in the number of criticality code 1 item shortages. (MOE #10)

In order to highlight whether the primary problem of shortages lies in the range or depth of the IIP, the total time awaiting parts due to range will be expressed as a fraction of the total time awaiting parts. (MOE 11) As another indicator of range vs. depth problems, the number of initial issue projects in which NORS time due to range is greater than NORS time due depth will be noted. (MOE #12)

Finally, as an indication in hindsight of what would have been, the availability of an end item which had been initially provisioned with only those items that met the RO stockage criteria will be calculated. This will be expressed as a percentage of the total uptime divided by the sum or one (1) total uptime plus two (2) total time awaiting parts (NORS) for initial issue times qualified as RO plus three (3) total order and ship time (OST) for items in IIP not meeting RO stockage criteria. (MOE #13)

c. Task 3 has been completed. The initial issue projects and end items to be analyzed were identified and also coordinated within FMFPac during the liaison visit by the chairman and Colonel R. N. Rackham. Coordination and identification of the projects and end items with the MCLB, Albany was accomplished during a liaison visit by the remainder of the study group.

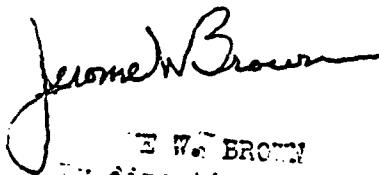
d. Task 5 has been completed and the Task 6 data required for analysis was requested from the MCLB, Albany on 30 November 1979, (reference (b)). The request identified 13 end items and 31 initial issue projects for which data extracts from SASSY and MIMMS files, and initial issue provisioning data are required.

The data once received will be used to establish a data base for quantitative analysis and comparison to measures of effectiveness.

ANNEX D

Subj: Progress Report

2. Task 4 is completed by submission of this progress report. It is requested that approval of the MOE's identified in enclosure (3) be provided.


J. W. BROWN
by direction

ANNEX D

BIBLIOGRAPHY

DOD D 4140.40	Basic Objectives and Policies on Provisioning of End Items of Materiel
DOD I 4140.42	Determination of Initial Requirements for Secondary Item Spare and Repair Parts
MCO 1551.1F	Training Material
MCO 4400.32B	Policy for Logistics Support of New Equipment Introduced into the Marine Corps
MCO P4400.39D	War Reserve Policy Manual
MCO P4400.79C	Provisioning Manual
MCO 4400.120	Joint Regulation Governing the Use and Application of Uniform Source, Maintenance and Recoverability Codes
MCO P4400.123B	FMF SASSY Accounting Manual Volume II SASSY Management Unit Procedures
MCO P4400.125	FMF SASSY Accounting Manual Volume IV Maintenance Float Procedures
MCO 4400.141	Critical Low-Density Equipment Secondary Item Support
MCO P4410.22A	Elimination of Duplication in the Management and Logistics Support of Multi-Used Nonconsumable Items
MCO 4408.2D	Spare Parts Support, Maintenance, and Repair of Cryptographic Equipment
MCO 4140.26M Vol I	Defense Integrated Materiel Management Manual for Consumable Items Volume I Commodity Oriented Items
DOD 4140.26M Vol II	Defense Integrated Materiel Management Manual for Consumable Items Volume II Weapon System Oriented Items
MCO 4710.2E	Engineer/General Supply Equipment Repair Criteria
MCO 4856.1A	Maintenance Engineering
MCO 10510.18	Policy and Responsibility for Electronic Test and Measuring Equipment

ENCLOSURE

ANNEX D

SC-04294B	Calibration Complex Transportable AN/TSM-119 Support Concept
SC-6625/2	Electronic Test and Measuring Equipment Support Concept
SI-4400-15/1	Initial Provisioning Requirements for Cannon Tubes and Cannon Assemblies Equipping/Provisioning and Allowances

CMC Letter LMO-2-KRS/mb dated 6 March 1978 to CG,
MCLB, Albany, Georgia

Marine Corps Level of Repair
Analysis Model Description

ANNEX D

Bibliography of Studies Review To Date

1. Haber and Sitgreaves "A Methodology for Estimating Expected Usage of Repair Parts with no usage History", George Washington University, October 1969.
2. Habor and Sitgreaves, "A Unified Model for demand Prediction in the context of Provisioning and Procurement", George Washington University, May 1971.
3. D. A. Orr, "New Concepts For Provisioning Parameter estimates: Part I: Maintenance Factors and Replacement Rates", and "Part II: Task Distributions and Washout Rates", U. S. Army Logistics Management Center, December 1976..
4. R. B. Ringo and T. H. Allen, "Marine Corps Material Throughput Distribution System (1977-1986)", SRI International, January 1978.
5. Naval Audit Service, "Principal End Item Requirements Determination at HQMC," January 1979.

ENCLOSURE (3)

ANNEX D

MEASURES OF EFFECTIVENESS

1. PROVISIONING AVAILABILITY =
$$\frac{\text{Equipment Up-Time}}{\text{Equipment Up-Time} + \text{Time Awaiting Critical Parts (NORS, Criticality Code 1)}}$$
2. PERCENTAGE OF SHORTAGE =
$$\frac{\text{Cost of Shortages (Range and Quantity)}}{\text{Cost of Initial Issue}}$$
 - a. GOL
 - b. MO
3. PERCENTAGE OF GOL OVERAGE =
$$\frac{\text{Cost of Overages}}{\text{Cost of Initial Issue}}$$
4. MOUNT OUT OVERAGE INDICATOR =
$$\frac{\text{Cost of Overages}}{\text{Cost of Initial Issue Mount Out}}$$
5. PERCENTAGE OF II ITEMS =
$$\frac{\text{Qty Items (Range) Zero Demand in the II}}{\text{Qty Items (Range) II}}$$
 - a. OST
 - b. ONE YEAR
 - c. TWO YEARS
 - d. THREE YEARS
 - e. FOUR YEARS

ENCLOSURE 20

ANNEX D

6. PERCENTAGE OF II ITEMS WHICH QUALIFY AS RO IN THE FSSG GENERAL ACCOUNT AND CONSOLIDATED ISSUE POINT.
 - a. ONE YEAR
 - b. TWO YEARS
 - c. THREE YEARS
 - d. FOUR YEARS
7. NUMBER OF CRITICAL PARTS WHICH QUALIFY AS RO IN THE FSSG GENERAL ACCOUNT AND CONSOLIDATED ISSUE POINT WHICH WERE NOT PART OF THE II.
8. COST OF II ITEMS WHICH DO NOT QUALIFY AS RO IN THE FSSG GENERAL ACCOUNT AND CONSOLIDATED ISSUE POINT.
 - a. ONE YEAR
 - b. TWO YEARS
 - c. THREE YEARS
 - d. FOUR YEARS
9. CRITICAL ITEMS COST RATIO:
$$\frac{\text{Cost of Criticality Code 1 Portion of II}}{\text{Total Cost of II}}$$
10. NUMBER OF CRITICALITY CODE 1 ITEM SHORTAGES. (RANGE AND DEPTH)
11. TIME AWAITING PARTS DUE TO RANGE
$$\frac{\text{TOTAL TIME AWAITING PARTS}}{\text{TOTAL TIME AWAITING PARTS}} = T$$
 - a. $1 - T$ = Fraction of Time Awaiting Parts Due to Depth

ANNEX D

12. PERCENTAGE OF CASES STUDIED IN WHICH NORS DUE TO RANGE IS GREATER THAN NORS DUE TO DEPTH.

13. Provisioning Availability (RO) = $\frac{\text{Total Up Time}}{\text{Total Up Time} + \text{Time Awaiting Parts Due to NORS for Stockage Criteria Items}}$

Where OST_i = OST for each IIP Item i that did not meet stockage criteria in DDP (Demand Development Period)

DEPARTMENT OF THE NAVY

Memorandum

LHM-KRS/elt
4400/40
DATE 60 JAN 1980

FROM: Chairman, Marine Corps Provisioning Policy Review Study Group

TO: Deputy Chief of Staff for Installations and Logistics
VIA: Director, Materiel Division

SUBJ: Progress Report

REF: (a) Marine Corps Provisioning Policy Review Study Plan, approved
15Oct79
(b) CMC ltr LHM-KRS/elt, 4400/40 dtd 30Nov79 to CG, MCLB, Albany, GA

ENCL: (1) Revised Provisioning Policy Study Schedule
(2) Original schedule

1. As required by reference (a), the following progress report is submitted:

a. Since the last progress report of 11 December 1979, the data elements necessary to calculate the measures of effectiveness have been identified. The file tapes containing the majority of the data have been received at this Headquarters and catalogued onto the computer system here. This concludes Task 5, establishing the necessary data elements and sources.

b. Task 6, the data collection effort, has not been completed as anticipated. Although a substantial portion of the necessary files have been received, as noted above, to properly account for all parts usage in repairing a provisioned end item an additional data source, the Maintenance Float Balance File, has recently been identified. This data file has been requested by Albany from FMFLANT.

c. Although Task 6 is still ongoing, a preliminary analysis of the available data has been conducted. A verification of the file definitions has been completed and reports concerning an item's repair history and its total parts usage history have been generated from the MIMS Equipment Repair Order history file.

d. Additionally, the consolidated listings of the provisioning packages for selected end items have been keypunched and established as a computer tape file. Additional consolidated listings have been requested from Albany for inclusion in this tape file.

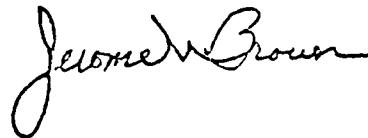
2. This data collection and analysis effort has revealed the necessity to request an extension of the study's completion date from 14 March 1980 to 30 May 1980. This request is based primarily on the estimation of the time necessary to define the data files and prepare their installation and factors for calculating the measures of effectiveness.

ANNEX E

Subj: Progress Report

means that the study's computer programs may only be run at night with a low priority in the job queue. This translates into roughly a 48 hour turn around time for a computer program, from submission to receipt of the output. This problem is compounded by the complexity of the programs developed to calculate the measures of effectiveness. The likelihood of programming errors increases with complexity, thereby extending even further the time until a successful computer run is achieved. The new schedule of tasks is contained in enclosure (1). Therefore, it is requested that the study submission date of 30 May 1980 be approved.

3. Task 7, shown in enclosure (2), is completed by the submission of this report.



JEROME W. BROWN

DC/S I&L ACTION:

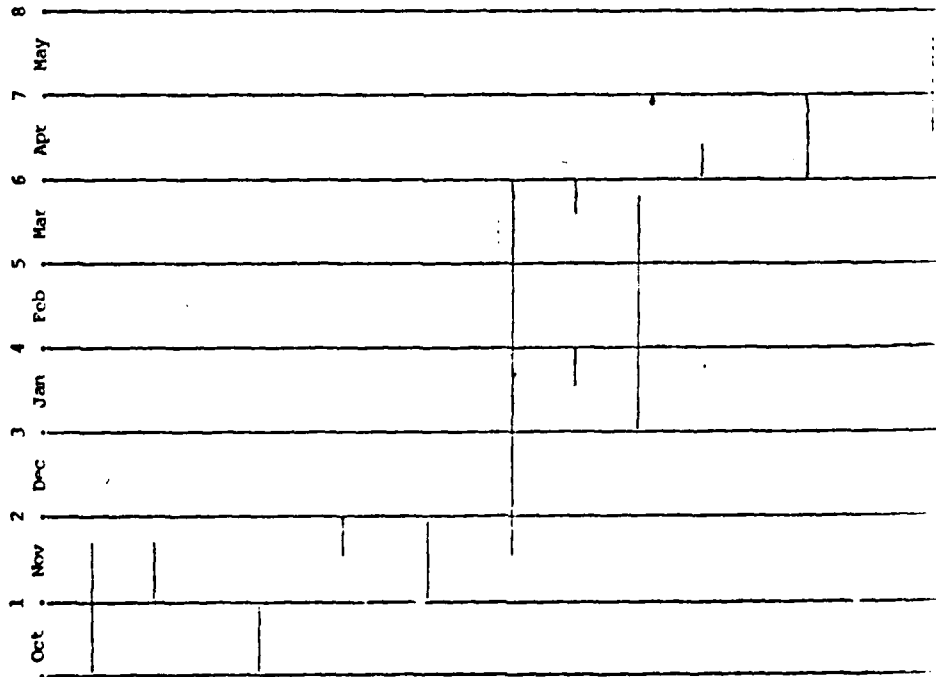
APPROVED H. R. H. H.
8 Feb 1980

DISAPPROVED _____

REVISED PROVISIONING POLICY REVIEW STUDY SCHEDULE

28 Jan 80

Calendar Time in Months



Projected Resource Requirements
Direct - Labor Man - Hours

LFP	LPS	LWM	LWA	MCLPA
1	3/4	1/2	1/2	1/2
1/8	1/2	1/4	1/2	1/2
				1
1/8		1/16	1/2	
1/2	1/2	1/2	1/2	1/2
1	3/4	3/8	1 1/2	1
1/8		1/16	1/2	
3/4	1	1/4	1/2	1/2
1/8		1/16	1/2	1/2
3/4	1	1/4	1	1
1/8		5/16	1	1/4

TOTAL: 4 5/8 4 1/2 2 5/8 7 5 3/4

ENCLOSURE (1)

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United States Army Medical Corps,
Department of the Army, 500
Department of the Army, 500

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by the Government

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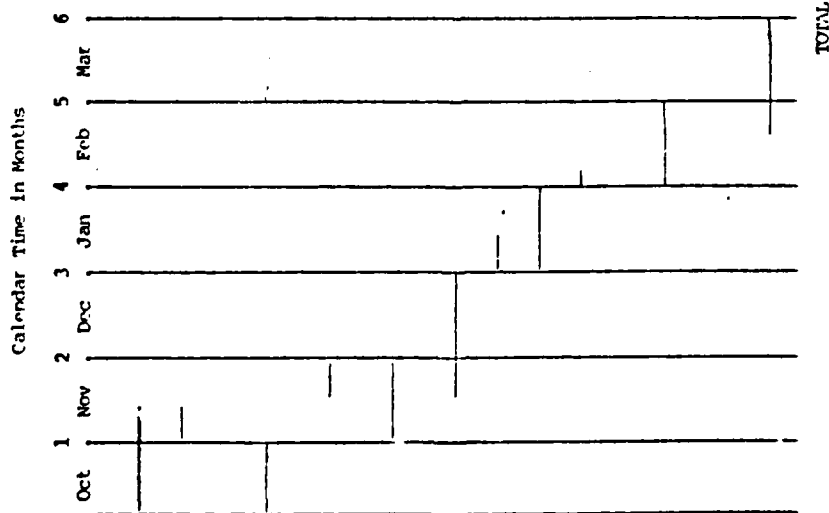
Appendix

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1. *Chlorophyll a*
 2. *Chlorophyll b*
 3. *Chlorophyll c*
 4. *Chlorophyll d*
 5. *Chlorophyll e*
 6. *Chlorophyll f*
 7. *Chlorophyll g*
 8. *Chlorophyll h*
 9. *Chlorophyll i*
 10. *Chlorophyll j*
 11. *Chlorophyll k*
 12. *Chlorophyll l*
 13. *Chlorophyll m*
 14. *Chlorophyll n*
 15. *Chlorophyll o*
 16. *Chlorophyll p*
 17. *Chlorophyll q*
 18. *Chlorophyll r*
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 22. *Chlorophyll v*
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 24. *Chlorophyll x*
 25. *Chlorophyll y*
 26. *Chlorophyll z*
 27. *Chlorophyll aa*
 28. *Chlorophyll ab*
 29. *Chlorophyll ac*
 30. *Chlorophyll ad*
 31. *Chlorophyll ae*
 32. *Chlorophyll af*
 33. *Chlorophyll ag*
 34. *Chlorophyll ah*
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 37. *Chlorophyll ak*
 38. *Chlorophyll al*
 39. *Chlorophyll am*
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 49. *Chlorophyll aw*
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 54. *Chlorophyll abz*
 55. *Chlorophyll aca*
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 57. *Chlorophyll acc*
 58. *Chlorophyll acd*
 59. *Chlorophyll ace*
 60. *Chlorophyll acf*
 61. *Chlorophyll acg*
 62. *Chlorophyll ach*
 63. *Chlorophyll aci*
 64. *Chlorophyll acj*
 65. *Chlorophyll ack*
 66. *Chlorophyll acl*
 67. *Chlorophyll acm*
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 69. *Chlorophyll aco*
 70. *Chlorophyll acp*
 71. *Chlorophyll acq*
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 73. *Chlorophyll acs*
 74. *Chlorophyll act*
 75. *Chlorophyll acu*
 76. *Chlorophyll acv*
 77. *Chlorophyll acw*
 78. *Chlorophyll acx*
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 80. *Chlorophyll acz*
 81. *Chlorophyll azaa*
 82. *Chlorophyll abzab*
 83. *Chlorophyll acaab*
 84. *Chlorophyll acbab*
 85. *Chlorophyll accab*
 86. *Chlorophyll acdab*
 87. *Chlorophyll aceab*
 88. *Chlorophyll acfab*
 89. *Chlorophyll acgab*
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 91. *Chlorophyll aciab*
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 99. *Chlorophyll acqab*
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 101. *Chlorophyll acsab*
 102. *Chlorophyll actab*
 103. *Chlorophyll acub*
 104. *Chlorophyll acvab*
 105. *Chlorophyll acwab*
 106. *Chlorophyll acxab*
 107. *Chlorophyll acyab*
 108. *Chlorophyll aczab*
 109. *Chlorophyll azaab*
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 112. *Chlorophyll acbab*
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 147. *Chlorophyll aciab*
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 152. *Chlorophyll acnab*
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 154. *Chlorophyll acpab*
 155. *Chlorophyll acqab*
 156. *Chlorophyll acrab*
 157. *Chlorophyll acsab*
 158. *Chlorophyll actab*
 159. *Chlorophyll acub*
 160. *Chlorophyll acvab*
 161. *Chlorophyll acwab*
 162. *Chlorophyll acxab*
 163. *Chlorophyll acyab*
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 165. *Chlorophyll azaab*
 166. *Chlorophyll abzab*
 167. *Chlorophyll acaab*
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 170. *Chlorophyll acdab*
 171. *Chlorophyll aceab*
 172. *Chlorophyll acfab*
 173. *Chlorophyll acgab*
 174. *Chlorophyll achab*
 175. *Chlorophyll aciab*
 176. *Chlorophyll acjab*
 177. *Chlorophyll ackab*
 178. *Chlorophyll aclab*
 179. *Chlorophyll acmab*
 180. *Chlorophyll acnab*
 181. *Chlorophyll acoab*
 182. *Chlorophyll acpab*
 183. *Chlorophyll acqab*
 184. *Chlorophyll acrab*
 185. *Chlorophyll acsab*
 186. *Chlorophyll actab*
 187. *Chlorophyll acub*
 188. *Chlorophyll acvab*
 189. *Chlorophyll acwab*
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 192. *Chlorophyll aczab*
 193. *Chlorophyll azaab*
 194. *Chlorophyll abzab*
 195. *Chlorophyll acaab*
 196. *Chlorophyll acbab*
 197. *Chlorophyll accab*
 198. *Chlorophyll acdab*
 199. *Chlorophyll aceab*
 200. *Chlorophyll acfab*
 201. *Chlorophyll ac*



Projected Resource Requirements Direct - Labor Man - Hours					
LPP	LPS	LPM	LMA	MCMA	
1	3/4	1/2	1/2	1/2	
1/8	1/2	1/4	1/2	1/2	
				1	
1/8		1/16	1/2		
1/2	1/2	1/2	1/2	1/2	
1	3/4	3/8	1 1/2	1	
1/8		1/16	1/2		
3/4	1	1/4	1/2	1/2	
1/8		1/16	1/2	1/2	
3/4	1	1/4	1	1	
1/8		5/16	1	1/4	

1901. 21. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 85

| | | | | | |
|-------|-------|-------|-------|---|-------|
| TOTAL | 4 5/8 | 4 1/2 | 2 5/8 | 7 | 5 3/4 |
|-------|-------|-------|-------|---|-------|

Memorandum

LMM-KRS/elt
4400/40
DATE
04 APR 1980

FROM: Chairman, Marine Corps Provisioning Policy Review Study Group

TO: Deputy Chief of Staff for Installations and Logistics
VIA: Director, Materiel Division

SUBJ: Progress Report

REF: (a) Marine Corps Provisioning Policy Review Study Plan, approved
22Oct79
(b) Progress Report dtd 30Jan80

ENCL: (1) Table PROV-ID
(2) Generating Expanded Consolidated List
(3) Generating ERO Subfile
(4) HQMC Provisioning Review Study Consolidated Listing
(5) HQMC Provisioning Review Study Consolidated Listing, Sheet 2
(6) HQMC Provisioning Review Study MOE Sheet I
(7) HQMC Provisioning Review Study MOE Sheet II
(8) HQMC Provisioning Review Study MOE Sheet III

1. As required by references (a) and (b), the following report is submitted:

a. Since the last progress report of 30 January 1980, the following actions were taken to develop the necessary data files in order to calculate the measures of effectiveness:

(1) Consolidated initial issue repair parts listings for 44 different end items, enclosure (1), have been received from Albany and keypunched into a study data file. Purification of the lists and numerous updates of the data file extended this effort until 7 March 1980. The consolidated list data file now contains 6,105 records.

(2) Additional file creation delays were encountered because of the enormous size of both the ERO history file (206,000 records) and the MHIF file (530,000 records). Processing with files of this magnitude creates numerous machine difficulties and low queue priorities. The need for the MHIF file was not realized until early March when it became apparent to the study group that not all parts' usage was being captured due to the many NSN changes since the in-service dates of the provisioning projects. The magnitude of the base data files was so great, it was decided to create two subfiles of more manageable proportions.

(a) The first, called the Expanded Consolidated List (EXPDCONS) file, contains data elements from the original keypunched consolidated list, MHIF file, ERO file, and the MHIF file (enclosure (2)).

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Subj: Progress Report

(b) The second, called the ERO subfile (ERO-SUBF) contains the ERO's for the end items of interest to the provisioning study, data on the secondary reparables for those end items, and MRIF data, (enclosure (3)).

(3) The determination of the part usage associated with an end item required several intermediate steps. Part usage with a date received indicated as "9999" was deleted. Furthermore, repairs on secondary reparables had to be adjusted since more or less actual repairs on a particular sec-rep could have been accomplished than the number of times that sec-rep was removed and replaced from the end item of interest. This factor is expressed as:

[The number of times a sec-rep was removed from an end item]/

[Total number of repairs on that sec-rep]

Multiplying this factor times actual part usage in repairing sec-reps captures that fraction of the total part usage that pertains to our end item. An additional adjustment of part usage was made since the ERO history file has a maintenance history over approximately 14 months. Since 2nd FSSG is provisioned for 2 months, a monthly average part usage for an end item was calculated and then multiplied by the pertinent two month period. This gives an appropriate fractional part usage quantity to compare to, in this case, the 2 month provisioned quantity.

(4) As a result of the data file creation efforts of the past months, some initial reports have been generated. Enclosure (4) is an example of a consolidated list indicating for a given end item, its ID number, the NSN's provisioned, the current preferred NSN, and among other items, the mountout and garrison operating level quantities. The column headed combat essentiality code will be change to criticality code. This report provides a comprehensive listing of the end items and the parts that pertain to them that are the subject of the provisioning study. Enclosure (5) provides a further example of information that is contained in the data base for the consolidated list. Order ship time is given in days.

(5) Enclosures (6) and (7) are examples of reports from which the measures of effectiveness may be calculated directly. The date diff variable in enclosure (6) is explained in Note 1: It is the date a part was received minus the date it was ordered, i.e., time awaiting parts. The "+" sign shown in the output under the non-NSN column indicates that a zero has been divided by a zero. In this example line (1) of the totals category indicates that there have been no delays for non-NSN part requisitions. I believe the error, when one divided time by a zero, is resulting in a zero, not a 0.

ANNEX F

Subj: Progress Report

requisitions for such parts, the computer outputs a "+" in the averages section, line (4), column non-NSN. As a further explanation of the report, line (5) under averages for NSN parts is the result of dividing line (2) in the totals section by line (7) in the counts section, NSN column.

(6) Enclosure (7) provides costing data for an initial issue provisioning package and an indication of whether those NSN's that were provisioned were listed in the GABF or MFBF files as having an RO or float quantity respectively. The range category indicates the breadth of NSN's provisioned, not quantities. At this time, there is a problem with properly outputting the average order and ship time for both reparable and consumables. This is not considered to be a difficult problem to correct.

(7) Enclosure (8) provides information on actual parts usage both in summary and NSN by NSN detail. Recall that translating a 14 month parts usage history into a monthly average and then multiplying by the provisioning period of two months creates fractional parts' usage. This in turn creates the need for a rounding policy. In the example report, this policy is to round any decimal down to the nearest integer. For example, .17 parts' usage in two months becomes 0 usage, 1.13 becomes a demand for 1 part and so on. The rounding policy has a significant impact on the data and consequently various rounding policies will be analyzed by the study group. In the report shown, the column entitled "ERO factored" would indicate the actual two month rounded usage. In this case, there were no actual demands for any of the listed parts during the entire 14 month ERO history period. The column headings for the data are briefly explained in the summary statistics which precede the detailed NSN by NSN listings. Note that in enclosure (8), the summary statistics pertain to a different ID No. than the detailed data listings. The latter indicates that all the listed NSN's were cases of averages. They were all instances of no demand in two months (NO-DMD) which automatically means the provisioned quantity was an instance of being greater than the two month demand (DEP). The actual amounts or quantities by which these NSN's were overprovisioned is listed in the column labelled "QTY".

b. Task 6 has been completed for the 2nd FSSG since complete base data has been received from the 2nd FSSG and loaded to the study data file.

c. During the course of the data file development, it was necessary to modify several of the measures of effectiveness to reflect the availability and accuracy of the data base. MOD #1 is now the ERO history file period minus the total time awaiting parts with this quantity divided by the ERO history file period. This gives a gross indication of the availability of an end item as a result of our provisioning

Subj: Progress Report

policy. However, it does not reflect downtime due to administrative deadline, time to repair, and time waiting in a queue to be repaired for example. MOE's number 11 and 13 have been deleted. The policy impacts that were originally expected to be highlighted are covered by the remaining MOEs.

d. Task 8 preliminary analyses as indicated by enclosures (6), (7) and (8) identified the need to obtain base data from the GABF, MFBF, MHIF and ERO history files of the 1st FSSG and 3rd FSSG. The data file tapes have been requested and should be available to the study group within the next three weeks. This will cause Task 8 to continue to the last of April.

e. Task 9 should be completed by the last of April.

f. Task 11, the final report should remain on schedule.

2. The coordination and development of the study data subfiles, enclosures (2) and (3) was a significant accomplishment and the diligent and knowledgeable efforts of Captain D. L. Chadwick were instrumental in accomplishing those crucial tasks.

3. Task 7 is completed by the submission of this report.

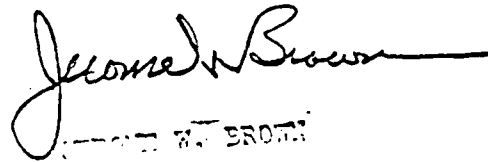

JEROME W. BROWN

TABLE 10 - DESCRIPTION

 TYPE - BINARY
 ENTRY COUNT - 45
 DATA TYPE - CHARACTER
 DATA TYPE - CHARACTER
 LENGTH - 50

| ARGUMENT
VALUES | RESULT
VALUES |
|--|------------------|
| 102670H) (IMPROVED HAMK (CONS F. REFS)
IN SERVICE DATE: 17 APR 70) | |
| 106416A) (RADAC SET AN/MDR-63
IN SERVICE DATE: NOT ON LIST) | |
| 106535B) (COMMUNICATIONS CENTRAL AN/TGC-36V
IN SERVICE DATE: NONE) | |
| 106644A) (TRANSPONDER SET AN/SPN-32
IN SERVICE DATE: 7 SEP 70) | |
| 106654H) (IN SERVICE DATE: NONE) | |
| 106670H) (RADIO SET AN/PRC-75A
IN SERVICE DATE: NONE) | |
| 107115H) (FIPS-14 MODIF KIT FAN-TYC-5A (REFS)
IN SERVICE DATE: NOT ON LIST) | |
| 107116H) (TRACTOR. FULL TRACKED. LOW SPEED. MC450
IN SERVICE DATE: MAY 70) | |
| 107419A) (CCPS F/1151 SET AN/TSN-120 (DRAGON)
IN SERVICE DATE: NOT ON LIST) | |
| 107475A) (RECEIVING SET. RADIO AN/URR-70
IN SERVICE DATE: 10 AUG 70) | |
| 107476A) (RECEIVING SET. RADIO AN/URR-71
IN SERVICE DATE: 10 AUG 70) | |
| 107477A) (THE CORDER-REPRODUCER AN/PRH-7
IN SERVICE DATE: 10 AUG 70) | |

ANNEX F

4 MAR 31, 1980

TABLE PROV-10

PAGE 2

ANNEX F

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|---|
| (07500A) | (DUMMY LOAD, ELCC 100KW
IN SERVICE DATES: NONE) |
| (07516A) | (CENTRAL OFFICE TELE-600 LINE
IN SERVICE DATES: NONE) |
| (07516A) | (GENERATOR SET MEP-002A
IN SERVICE DATES: A NOV 79) |
| (07522A) | (AIR CONDITIONER, 9000 BTU
IN SERVICE DATES: 14 NOV 79) |
| (07501A) | (RADAR SET AN/SPS-15 (V2)
IN SERVICE DATES: NONE) |
| (07618A) | (PAGE PRINTER SET SEND/RCV AN/UGC-52
IN SERVICE DATES: NONE) |
| (07621A) | (DISKIO-TRANSMITTER SET (TELETYPE)
IN SERVICE DATES: 1 MAY 78) |
| (07620A) | (AIR CONDITIONER, 40-000 BTU, MAC GW-S450-11
IN SERVICE DATES: NOT ON LIST) |
| (07633A) | (RETRORFIC KIT F/AN/WH-117A
IN SERVICE DATES: 12 FEB 77) |
| (07632A) | (TELEPRINTER, 11-572ZUG
IN SERVICE DATES: 1 MAY 78) |
| (07661A) | (FIRE EXTING. TWIN AGENT
IN SERVICE DATES: NONE) |
| (07660A) | (AIR CONDITIONER, 10000 BTU, A/T-32C-17
IN SERVICE DATES: 11 APR 78) |
| (07665A) | (TODOL KIT, ELCC
IN SERVICE DATES: 30 OCT 77) |
| (07666A) | (AIR CONDITIONER, 9000 BTU
IN SERVICE DATES: 9 DEC 78) |
| (07672A) | (TANCHOLIGHT, AN/VSR-3A
IN SERVICE DATES: 30 JUN 77) |

ANNEX F (1)

MAR 31, 1980

TABLE INOV-10

PAGE 3

ACQUIRING
VALUESIN SUB
VALUES

| | | | | |
|---------|---|--|----------------------------|---|
| 107673A |) | (H5) SET. R.F. POWER AMPLIFIER-33 | IN SERVICE DATE: 10 NOV 77 |) |
| 107679A |) | ETHER CONVERTER. CV-3231/U | IN SERVICE DATE: 20 JUL 79 |) |
| 107684A |) | (TELETYPE. CONF UNIT C-7050/G | IN SERVICE DATE: 1 MAY 78 |) |
| 107689A |) | (SYNCH. INTERFACE SN-600/1YC-NA(IV) | IN SERVICE DATE: 1 MAY 78 |) |
| 107711A |) | (HELIPORT LIGHTING SYS | IN SERVICE DATE: 30 APR 78 |) |
| 107716A |) | (CONVERTER. CV-2997IV)/TGC | IN SERVICE DATE: 1 MAY 78 |) |
| 107717A |) | (POWER SUPPLY PP-6062/G | IN SERVICE DATE: 1 MAY 78 |) |
| 107718A |) | (CONVERTER. CV-2757/GGC | IN SERVICE DATE: 1 MAY 78 |) |
| 107726A |) | (R.F. MONITOR SET AN/USO-4MA | IN SERVICE DATE: 5 APR 78 |) |
| 107727A |) | (RECORDER SET. SIGNAL DATA RD-376A/USQ | IN SERVICE DATE: 9 JAN 79 |) |
| 107728A |) | (POWER SUPPLY. OP-63/USO-4G | IN SERVICE DATE: NONE |) |
| 107729A |) | (TEST SET. GROUP. RADIO DO-60/USO-4G | IN SERVICE DATE: 5 APR 78 |) |
| 107764A |) | (TRUCK. GUIDED MISSILE CARRIER | IN SERVICE DATE: 26 MAY 76 |) |
| 107819A |) | (TRUCK. GUIDED MISSILE CARRIER W/42 | IN SERVICE DATE: NONE |) |
| 107862A |) | (SEMI-TRAILER. LOW BED 40 TON-4070 | IN SERVICE DATE: 14 APR 79 |) |

ANNEX F

MAN 31. 1000

TABLE MOV-10

PAGE 4

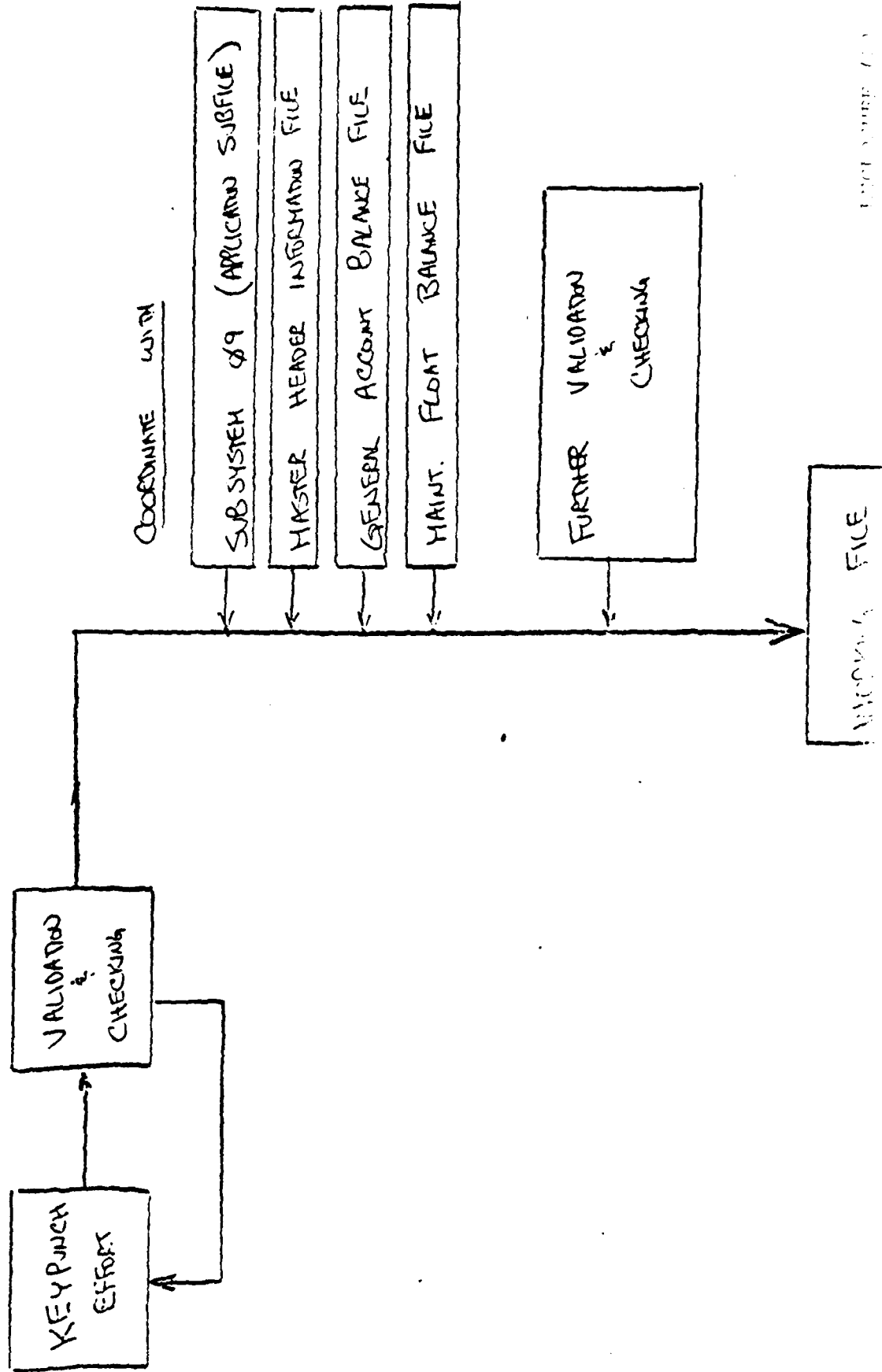
ACQUISITION
VALUES

MSR T
VALUES

| | |
|------------|--|
| (070104A) | (TRUCK. CARGO. MINO. 1 1/4 TON
IN SERVICE DATE: 2 DEC 70) |
| (070102A) | (TRUCK. AMBULANCE 1 1/2 TON. MINO.
IN SERVICE DATE: 27 DEC 70) |
| (070103A) | (COMM TECH CONTROL CENTER. AN/TSO-1A
IN SERVICE DATE: 25 APR 79) |

ANNEX F

GENERATING
EXPANDED CONSOLIDATED LIST



DETAILED GLOSSARY BY LOCATION FOR FILE DEFINITION - EXHIBIT 15

MAR 12, 1980
PAGE 1

FILE IDENTIFICATION =
NUMBER OF ELEMENTS IN FILE = 1
NUMBER OF FIELDS IN FILE = 14

RECORD FORMAT = FICED HLOOKED
RECORD SIZE = 103
BLOCK SIZE = 5150

SEGMENT 1, LEVEL 1

SEGMENT OCCURS N TIMES = 1
SEGMENT SIZE = 103
NUMBER OF FIELDS IN SEGMENT = 14

KEY FIELD 1 = IO-NO
KEY FIELD 2 = PMSN
TYPE = C LENGTH = 6
TYPE = C LENGTH = 13

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RWDING | DEC PLACES | CNT FIELD FOR SCNT | EDIT CODES | OUTPUT LENGTH | OUTPUT WIDTH | LINE NO | (COLUMN HEADING) | SOURCE |
|------------|------------|----------------|--------------|--------------|------------|--------------------|------------|---------------|--------------|---------|-----------------------------|-----------|
| IO-NO | C | 1 | 6 | | | | | 6 | 6 | 1 | IO NO. | KEYPUNCH |
| PMSN | C | 7 | 13 | | | | | 13 | 13 | 1 | PROVISIONED NSN | KEYPUNCH |
| GAB/HFB | C | 20 | 1 | | | | | 1 | 6 | 2 | IG) GABF (H) HFBF | GABF/HFBF |
| GRL-QTY | Z | 21 | 6 | | | | | 11 | 11 | 1 | GOL QTY | KEYPUNCH |
| MO-QTY | Z | 29 | 6 | | | | | 11 | 11 | 1 | M/O QTY | KEYPUNCH |
| UNIT-PHC | Z | 37 | 12 | | | | | 17 | 17 | 1 | UNIT PRICE (ORIG. NSN) | HMBF |
| RHZA/N | Z | 49 | 10 | | | | | 14 | 14 | 1 | REQ OBJ / FLOAT ALLOW. | GABF/HFBF |
| DTY | Z | 59 | 5 | | | | | 7 | 15 | 1 | ORDER SHIP TIME (GABF/HFBF) | GABF/HFBF |

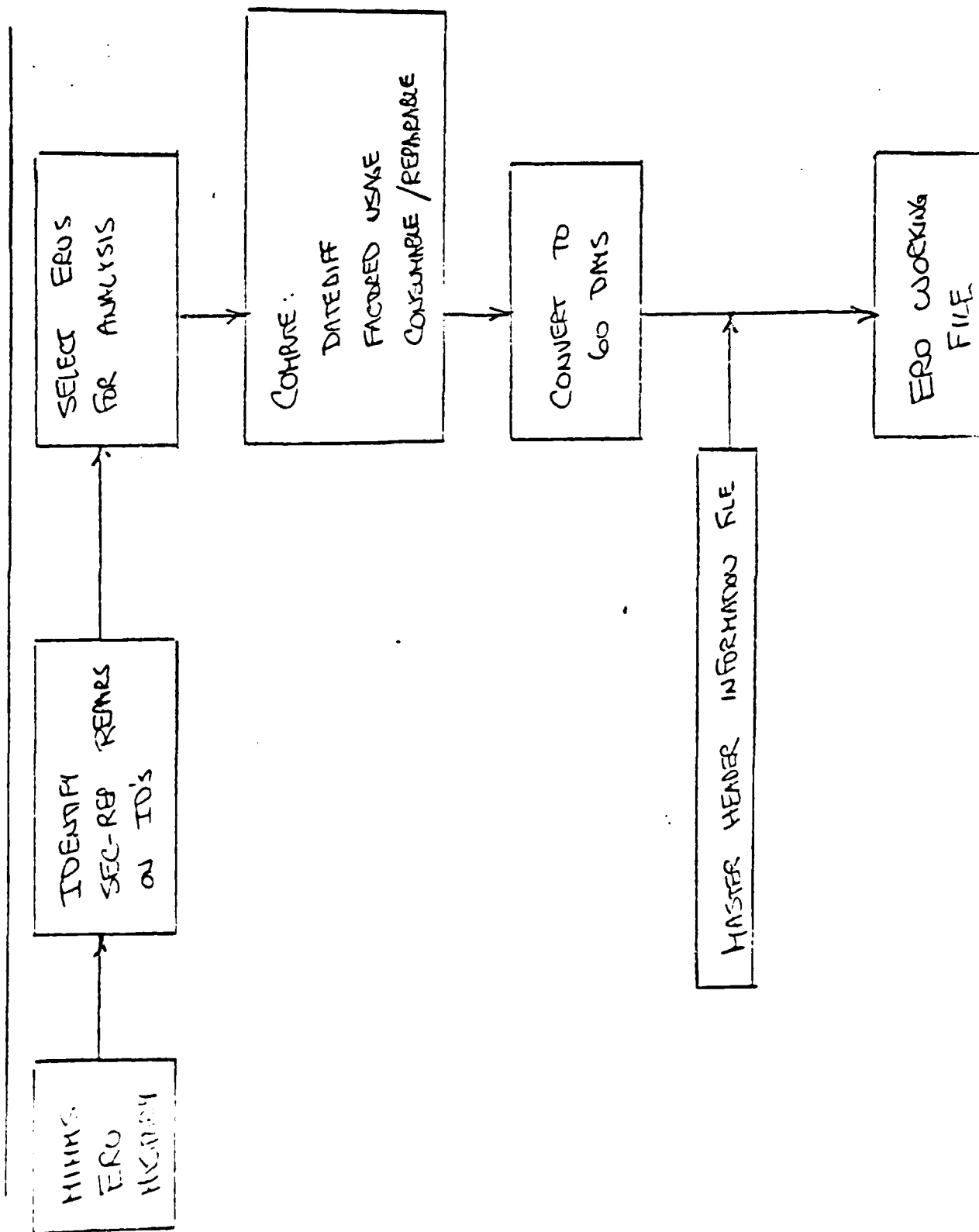
ANNEX F

DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - EXHIBITS
SEGMENT 1. LEVEL 1 (CONTINUED)

MAR 12 1960
PAGE 2

| FILE
NAME | FILE
TYPE | FILE
LOCATION | FILE
LENGTH | FILE
NUMBER | FILE
DLC | FILE
CODES | FILE
LENGTH | FILE
WIDTH | FILE
LINE
NO | COLUMN
HEADING | UNIT
OF
MEASUREMENT |
|--------------|--------------|------------------|----------------|----------------|-------------|---------------|----------------|---------------|--------------------|--|---------------------------|
| FILE | C | 64 | 13 | 13 | | | 13 | 13 | 1 | 000 CURRENT
000 PREVIOUS
000 HIGH | MMIF |
| FILE | C | 77 | 1 | 1 | | | 1 | 12 | 1 | 000 COMBAT
000 ESSENTIALITY
000 CODE | MMIF |
| FILE | C | 78 | 1 | 1 | | | 1 | 1 | 1 | | |
| FILE | P | 79 | 5 | 13 | 2 | (S) () () | 13 | 13 | 1 | 000 UNIT PRICE
000 (PREV. M.N.) | MMIF |
| FILE | C | 84 | 1 | 1 | | | 1 | 6 | 1 | 000 (C) CONS
000 (R) RISE | MMIF |
| FILE | C | 85 | 19 | 19 | | | 19 | 19 | 1 | 000 NOMENCLATURE | MMIF |

ANNEX F

GENERATING
ERO SUBFILE

DETAILED GLOSSARY BY EDUCATION FIRM
FILE DEFINITION - FIRM-SUM

MAR 13, 1980
PAGE 1

FILE IDENTIFICATION =
NUMBER OF SEGMENTS IN FILE = 1
NUMBER OF FIELDS IN FILE = 15

RECORD FORMAT - FIRM-BLOCKED
RECORD SIZE = 90
BLOCK SIZE = 900

* SEGMENT 1, LEVEL 1 *

SEGMENT OCCURS N TIMES = 1
RECORD SIZE = 90
NUMBER OF FIELDS IN SEGMENT = 15

KEY FIELD 1 = PMSN
KEY FIELD 2 = ID-NO
TYPE = C LENGTH = 13
TYPE = C LENGTH = 6

| FIELD
NAME | FIELD
TYPE | FIELD
LENGTH | FIELD
POSITION | DEC | CNT | FILL | EDIT | CODES | EDIT
LENGTH | OUTPUT
WIDTH | LINE
NO | CD, UMS
HEADING | SOURCE |
|---------------|---------------|-----------------|-------------------|-----|-----|------|------|-------|----------------|-----------------|------------|--------------------|--------|
| PART-NSN | C | 1 | 13 | | | | | | 13 | 13 | 1 | *** ERO PART *** | ERO |
| PARTIAL | C | 14 | 1 | | | | | | 1 | 11 | 2 | *** NSN *** | ERO |
| PARTIAL | C | 15 | 8 | | | | | | 11 | 12 | 1 | *** INT-PT OTY *** | ERO |
| ADJ-OTY | Z | 15 | 8 | 2 | | | | | 11 | 11 | 1 | *** ADJ. OTY *** | " |
| INRS | C | 23 | 1 | | | | | | 1 | 4 | 1 | *** NORS *** | ERO |
| DATE-DIFF | Z | 24 | 4 | | | | | | 0 | 9 | 1 | *** DATE DIFF *** | ERO |
| IND | C | 28 | 5 | | | | | | 5 | 5 | 1 | *** ERO *** | ERO |
| ID-NO | C | 33 | 6 | | | | | | 6 | 6 | 1 | *** ID NO. *** | ERO |
| CL-NO | C | 39 | 10 | | | | | | 10 | 10 | 1 | *** SER NO. *** | ERO |

ANNEX F

ENCLOSURE (4)

MAY 12, 1960
PAGE 2

DETAILED GLASSANT BY LOCATION FOR
FILE OF INITION - ERO-2007
SEGMENT 1, LEVEL 1 (CONTINUED)

| FILE
NO. | FILE
TYPE | FILE
LOCATION | FILE
LENGTH | FILE
HNDING | DEC
PLACES | CNT
FOR
SGMT | FILE
CODES
() () () | FILE
LENGTH | FILE
WIDTH | LINE
NO. | FILE
HNDING | FILE
TYPE |
|-------------|--------------|------------------|----------------|----------------|---------------|--------------------|------------------------------|----------------|---------------|-------------|----------------|--------------|
| 014 | 2 | 40 | 2 | | | | | 3 | 7 | 1 | *** | ERO |
| 014 | C | 51 | 13 | | | | | 13 | 13 | 1 | *** | HHIF |
| 014 | C | 64 | 2 | | | | | 2 | 15 | 2 | *** | ERO COMP |
| 014 | C | 66 | 5 | | 2 | | (S) () () | 13 | 13 | 1 | *** | HHIF |
| 014 | C | 71 | 1 | | | | | 1 | 14 | 2 | *** | HHIF |
| 014 | C | 72 | 19 | | | | | 19 | 19 | 1 | *** | HHIF |

ANNEX F

ENCLOSURE

ANNEX F

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

CONSOLIDATED LISTING: II MAF
SHEET 2

THIS REPORT PROVIDES A LISTING OF THE GUL
AND M20 QUANTITIES (SUMMED OVER ALL PROJ)
FOR EACH 10 NUMBER IN THE STUDY.

TO THE OFFICE OF THE DIRECTOR OF THE FBI (CIVIL RIGHTS DIVISION)

UNDER SHIP TIME --- REQ. 031 /
(GAIN / 13 DF) FLOAT ALLOW.

ANNEX F

[illegible]

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

CONSOLIDATED LISTING: II MAF
DILLI-2

THIS REPORT PROVIDES A LISTING OF THE GOL
AND M/O QUANTITIES (SUMMED OVER ALL PROJ)
FOR EACH ID NUMBER BEING STUDIED.

ANNEX F

ANNEX F

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING: POLICY REVIEW STUDY

MOE SHEET 1

THIS REPORT PROVIDES WAITING TIME FACTORS
FOR USMC AND MAR-25. IT IS BROKEN DOWN BY
CUNSE: EMOB / NMC: EMOB / CMC: SECOP

15

ANNEX F

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

MOE SHEET 11

THIS REPORT PROVIDES SELECTED COSTING, RO
AND QST FACTORS BROKEN DOWN FOR EACH ID
BY: GOL / MO / CONSUMABLE / REMAINABLE

HOME PROVISIONING REVIEW STUDY RDE COMPUTATION SHEET II

APR 01 1960

PAGE: 8

ED NO: 07419A * ECPS F/TEST SET AN/TSM-120 (DRAGON)

IN SERVICE DATE: NOT ON LIST

ANNEX F

UNPAID: COST OF GOL: 1015.49 COST OF GOL (CRITICAL): 981.59
 COST OF W/O: 9054.50 COST OF IIP (GOL + W/O) WHICH IS NOT RO: 7665.77
 TOTAL COST: 10070.07
 RANGE (GOL): 85 % OF THE IIP WHICH IS RO: 20.75X
 RANGE (W/O): 504 % OF GOL WHICH IS RO: 57.64X
 RANGE (IIP): 506

UNPAID: COST OF GOL: 9003.00 COST OF GOL (CRITICAL): 9003.00
 COST OF W/O: 60310.50 COST OF IIP (GOL + W/O) WHICH IS NOT RO: 8346.71
 TOTAL COST: 78713.50
 RANGE (GOL): 2 % OF THE IIP WHICH IS RO: 66.66X
 RANGE (W/O): 57 % OF GOL WHICH IS RO: 50.00X
 RANGE (IIP): 57

 * HEADQUARTERS, UNITED STATES MARINE CORPS. *
 * PROVISIONING POLICY REVIEW STUDY *

* NOE SHEETS III + IV: (GOL) *
 * ERC USAGE ROUNDED DOWN *
 * II MAF *

ADJUSTED TWO MONTH ERC USAGE IS ROUNDED USING THE
 STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST.
 FOR EACH ID NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN
 BY CONSUMABLE AND REPAIRABLE CLASSES INTO THE FOLLOWING
 CATEGORIES:

- 1) EVEN: BOTH THE ROUNDED ERC USAGE AND
 THE CONSIST GOL QTY ARE THE
 SAME AND GREATER THAN ZERO.
- 2) OVERAGE: THE ROUNDED ERC USAGE IS LESS
 THAN THE CONSIST GOL QUANTITY.
- 3) SHORTAGE: THE ROUNDED ERC USAGE IS GREATER
 THAN THE CONSIST GOL QUANTITY.
- 4) ZEROS: THE ROUNDED ERC USAGE AND THE
 GOL QTY ARE BOTH ZERO.

HOME PROVISIONING REVIEW STUDY MOE COMPUTATION SHEET ERO ITEM SUMMARIES

PAGE 10

NOV 30, 1980

15. 001 075501 - ERO TEST SET 04715H-128 TURACKS IN SERVICE DATE: NOT ON LIST

CHARGE

SUBTAGES: (1) NUMBER OF HSGS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO, .00

(2) NUMBER OF HSGS WHICH HAD GEL PROVIDED: (LABEL: RANGE - "HMO") .00

(3) NUMBER OF HSGS WHICH HAD GEL PROVIDED, BUT HAD A ROUNDED 2 MO. ERO

USAGE IN EXCESS OF THE GEL PROV. QTY: (LABEL: DEPTH - "DEPT") .00

(4) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND

THE GEL PROV. QTY (WHICH USAGE IS GREATER): .00

CHARGES: (4) NUMBER OF HSGS WHICH HAD A POSITIVE GEL PROV. QTY, NOT HAD ZERO 2.00

(5) NUMBER OF HSGS IN THE ERO FILE: (LABEL: NO DEMAND - "NO DEM") 2.00

(6) NUMBER OF HSGS IN WHICH THE GEL PROV. QTY IS GREATER THAN THE 2 MO. 9603.00

ROUNDED ERO USAGE: (LABEL: DEPTH - "DEPT")

(7) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GEL PROV. QTY AND

THE 2 MO. ROUNDED ERO USAGE (WHICH USAGE IS LESS): .00

EVENS: (7) NUMBER OF HSGS IN WHICH THE GEL PROV QTY AND THE 2 MO. ROUNDED ERO

QTY ARE THE SAME (NOT EQUAL TO ZERO): 2.00

CONCISTS: (8) NUMBER OF HSGS FOR WHICH GEL WAS PROVIDED: 57.00

(9) TOTAL NUMBER OF HSGS PROVIDED (11):

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE ROUNDED DOWN.

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

000000000000

Memorandum

LMA-1-KRS/elt
4400/40

DATE 09 MAY 1980

FROM: Chairman, Marine Corps Provisioning Policy Review Study Group

TO: Deputy Chief of Staff for Installations and Logistics
VIA: Director, Materiel Division

SUBJ: Progress Report

REF: (a) Marine Corps Provisioning Policy Review Study Plan, approved
22Oct79
(b) Progress Report dtd 30Jan80

ENCL: (1) 2nd FSSG MOE (Rounded Down)
(2) 2nd FSSG MOE (Rounded 0.5 and 0.15)
(3) 3rd FSSG MOE (Rounded Down)
(4) 3rd FSSG MOE (Rounded 0.5 and 0.15)
(5) End Item Usage
(6) Potential Provisioning Policy Changes
(7) Projects to be recomputed using Potential Policy Changes

1. As required by references (a) and (b), the following report is submitted.

a. Since the last Progress Report of 4 April 1980, the following actions have been taken:

(1) The Measures of Effectiveness (MOE's) for the 2nd FSSG were calculated, enclosure (1), utilizing existing provisioning policy rounding convention, which is rounding fractional computational results down.

(2) The MOE's that are affected by rounding conventions were recalculated, enclosure (2), for 2nd FSSG using the common 0.5 rounding convention and a 0.15 rounding convention (approximates use of 1 repair part within 1 year).

(3) Partial MOE's were calculated for 3rd FSSG, enclosures (3) and (4). The 3rd FSSG data tapes were inadvertently mailed back to 3rd FSSG before MOE's 6, 8, and 9 could be calculated. The tapes have been requested to be mailed back to HQMC for completion of MOE calculations.

(4) End item usage, enclosure (5), was obtained by MCLB, Albany from the Maintenance Management Offices of the MAF's.

(5) During a work session, the Study Group developed the potential provisioning policy changes identified in enclosure (6). This completes Task 9 of the study plan.

(6) Further analyses of the potential policy changes will be conducted at MCLB, Albany during 19-22 May 1980 using the end items list on enclosure (5). The MAF's will be requested to provide Albany as high dollar projects where repair parts are critical.

Subj: Progress Report

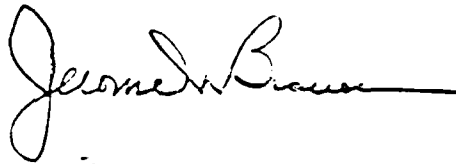
existing policy. The provisioning requirements will be recomputed under the potential policy changes for further analyses and comparisons.

b. There are some deficiencies existing in consolidated initial issue listings which will result in the recomputation of selected MOE's for selected end items.

c. The 1st FSSG data tapes are being processed and MOE data sheets computed. It is anticipated that MOE calculations for 1st FSSG will be completed by 16 May 1980.

2. A slippage in the completion date for the study is anticipated, however, the extent of the slippage will not be known until the additional consolidated initial issue listings have been received from MCLB, Albany and an impact determination made.

3. It is requested that the potential policy changes contained in enclosure (6) be approved for further analysis.



JEROME W. BROWN

DC/S I&L DECISION PAR 3

APPROVED *[Signature]*

DISAPPROVED

ANNEX C

[illegible]

ANNEX C

[illegible]

ANNEX C

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | 67 | | 68 | | 69 | | 70 | | 71 | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | 81 | | 82 | | 83 | | 84 | | 85 | | 86 | | 87 | | 88 | | 89 | | 90 | | 91 | | 92 | | 93 | | 94 | | 95 | | 96 | | 97 | | 98 | | 99 | | 100 | | 101 | | 102 | | 103 | | 104 | | 105 | | 106 | | 107 | | 108 | | 109 | | 110 | | 111 | | 112 | | 113 | | 114 | | 115 | | 116 | | 117 | | 118 | | 119 | | 120 | | 121 | | 122 | | 123 | | 124 | | 125 | | 126 | | 127 | | 128 | | 129 | | 130 | | 131 | | 132 | | 133 | | 134 | | 135 | | 136 | | 137 | | 138 | | 139 | | 140 | | 141 | | 142 | | 143 | | 144 | | 145 | | 146 | | 147 | | 148 | | 149 | | 150 | | 151 | | 152 | | 153 | | 154 | | 155 | | 156 | | 157 | | 158 | | 159 | | 160 | | 161 | | 162 | | 163 | | 164 | | 165 | | 166 | | 167 | | 168 | | 169 | | 170 | | 171 | | 172 | | 173 | | 174 | | 175 | | 176 | | 177 | | 178 | | 179 | | 180 | | 181 | | 182 | | 183 | | 184 | | 185 | | 186 | | 187 | | 188 | | 189 | | 190 | | 191 | | 192 | | 193 | | 194 | | 195 | | 196 | | 197 | | 198 | | 199 | | 200 | | 201 | | 202 | | 203 | | 204 | | 205 | | 206 | | 207 | | 208 | | 209 | | 210 | | 211 | | 212 | | 213 | | 214 | | 215 | | 216 | | 217 | | 218 | | 219 | | 220 | | 221 | | 222 | | 223 | | 224 | | 225 | | 226 | | 227 | | 228 | | 229 | | 230 | | 231 | | 232 | | 233 | | 234 | | 235 | | 236 | | 237 | | 238 | | 239 | | 240 | | 241 | | 242 | | 243 | | 244 | | 245 | | 246 | | 247 | | 248 | | 249 | | 250 | | 251 | | 252 | | 253 | | 254 | | 255 | | 256 | | 257 | | 258 | | 259 | | 260 | | 261 | | 262 | | 263 | | 264 | | 265 | | 266 | | 267 | | 268 | | 269 | | 270 | | 271 | | 272 | | 273 | | 274 | | 275 | | 276 | | 277 | | 278 | | 279 | | 280 | | 281 | | 282 | | 283 | | 284 | | 285 | | 286 | | 287 | | 288 | | 289 | | 290 | | 291 | | 292 | | 293 | | 294 | | 295 | | 296 | | 297 | | 298 | | 299 | | 300 | | 301 | | 302 | | 303 | | 304 | | 305 | | 306 | | 307 | | 308 | | 309 | | 310 | | 311 | | 312 | | 313 | | 314 | | 315 | | 316 | | 317 | | 318 | | 319 | | 320 | | 321 | | 322 | | 323 | | 324 | | 325 | | 326 | | 327 | | 328 | | 329 | | 330 | | 331 | | 332 | | 333 | | 334 | | 335 | | 336 | | 337 | | 338 | | 339 | | 340 | | 341 | | 342 | | 343 | | 344 | | 345 | | 346 | | 347 | | 348 | | 349 | | 350 | | 351 | | 352 | | 353 | | 354 | | 355 | | 356 | | 357 | | 358 | | 359 | | 360 | | 361 | | 362 | | 363 | | 364 | | 365 | | 366 | | 367 | | 368 | | 369 | | 370 | | 371 | | 372 | | 373 | | 374 | | 375 | | 376 | | 377 | | 378 | | 379 | | 380 | | 381 | | 382 | | 383 | | 384 | | 385 | | 386 | | 387 | | 388 | | 389 | | 390 | | 391 | | 392 | | 393 | | 394 | | 395 | | 396 | | 397 | | 398 | | 399 | | 400 | | 401 | | 402 | | 403 | | 404 | | 405 | | 406 | | 407 | | 408 | | 409 | | 410 | | 411 | | 412 | | 413 | | 414 | | 415 | | 416 | | 417 | | 418 | | 419 | | 420 | | 421 | | 422 | | 423 | | 424 | | 425 | | 426 | | 427 | | 428 | | 429 | | 430 | | 431 | | 432 | | 433 | | 434 | | 435 | | 436 | | 437 | | 438 | | 439 | | 440 | | 441 | | 442 | | 443 | | 444 | | 445 | | 446 | | 447 | | 448 | | 449 | | 450 | | 451 | | 452 | | 453 | | 454 | | 455 | | 456 | | 457 | | 458 | | 459 | | 460 | | 461 | | 462 | | 463 | | 464 | | 465 | | 466 | | 467 | | 468 | | 469 | | 470 | | 471 | | 472 | | 473 | | 474 | | 475 | | 476 | | 477 | | 478 | | 479 | | 480 | | 481 | | 482 | | 483 | | 484 | | 485 | | 486 | | 487 | | 488 | | 489 | | 490 | | 491 | | 492 | | 493 | | 494 | | 495 | | 496 | | 497 | | 498 | | 499 | | 500 | | 501 | | 502 | | 503 | | 504 | | 505 | | 506 | | 507 | | 508 | | 509 | | 510 | | 511 | | 512 | | 513 | | 514 | | 515 | | 516 | | 517 | | 518 | | 519 | | 520 | | 521 | | 522 | | 523 | | 524 | | 525 | | 526 | | 527 | | 528 | | 529 | | 530 | | 531 | | 532 | | 533 | | 534 | | 535 | | 536 | | 537 | | 538 | | 539 | | 540 | | 541 | | 542 | | 543 | | 544 | | 545 | | 546 | | 547 | | 548 | | 549 | | 550 | | 551 | | 552 | | 553 | | 554 | | 555 | | 556 | | 557 | | 558 | | 559 | | 560 | | 561 | | 562 | | 563 | | 564 | | 565 | | 566 | | 567 | | 568 | | 569 | | 570 | | 571 | | 572 | | 573 | | 574 | | 575 | | 576 | | 577 | | 578 | | 579 | | 580 | | 581 | | 582 | | 583 | | 584 | | 585 | | 586 | | 587 | | 588 | | 589 | | 590 | | 591 | | 592 | | 593 | | 594 | | 595 | | 596 | | 597 | | 598 | | 599 | | 600 | | 601 | | 602 | | 603 | | 604 | | 605 | | 606 | | 607 | | 608 | | 609 | | 610 | | 611 | | 612 | | 613 | | 614 | | 615 | | 616 | | 617 | | 618 | | 619 | | 620 | | 621 | | 622 | | 623 | | 624 | | 625 | | 626 | | 627 | | 628 | | 629 | | 630 | | 631 | | 632 | | 633 | | 634 | | 635 | | 636 | | 637 | | 638 | | 639 | | 640 | | 641 | | 642 | | 643 | | 644 | | 645 | | 646 | | 647 | | 648 | | 649 | | 650 | | 651 | | 652 | | 653 | | 654 | | 655 | | 656 | | 657 | | 658 | | 659 | | 660 | | 661 | | 662 | | 663 | | 664 | | 665 | | 666 | | 667 | | 668 | | 669 | | 670 | | 671 | | 672 | | 673 | | 674 | | 675 | | 676 | | 677 | | 678 | | 679 | | 680 | | 681 | | 682 | | 683 | | 684 | | 685 | | 686 | | 687 | | 688 | | 689 | | 690 | | 691 | | 692 | | 693 | | 694 | | 695 | | 696 | | 697 | | 698 | | 699 | | 700 | | 701 | | 702 | | 703 | | 704 | | 705 | | 706 | | 707 | | 708 | | 709 | | 710 | | 711 | | 712 | | 713 | | 714 | | 715 | | 716 | | 717 | | 718 | | 719 | | 720 | | 721 | | 722 | | 723 | | 724 | | 725 | | 726 | | 727 | | 728 | | 729 | | 730 | | 731 | | 732 | | 733 | | 734 | | 735 | | 736 | | 737 | | 738 | | 739 | | 740 | | 741 | | 742 | | 743 | | 744 | | 745 | | 746 | | 747 | | 748 | | 749 | | 750 | | 751 | | 752 | | 753 | | 754 | | 755 | | 756 | | 757 | | 758 | | 759 | | 760 | | 761 | | 762 | | 763 | | 764 | | 765 | | 766 | | 767 | | 768 | | 769 | | 770 | | 771 | | 772 | | 773 | | 774 | | 775 | | 776 | | 777 | | 778 | | 779 | | 780 | | 781 | | 782 | | 783 | | 784 | | 785 | | 786 | | 787 | | 788 | | 789 | | 790 | | 791 | | 792 | | 793 | | 794 | | 795 | | 796 | | 797 | | 798 | | 799 | | 800 | | 801 | | 802 | | 803 | | 804 | | 805 | | 806 | | 807 | | 808 | | 809 | | 810 | | 811 | | 812 | | 813 | | 814 | | 815 | | 816 | | 817 | | 818 | | 819 | | 820 | | 821 | | 822 | | 823 | | 824 | | 825 | | 826 | | 827 | | 828 | | 829 | | 830 | | 831 | | 832 | | 833 | | 834 | | 835 | | 836 | | 837 | | 838 | | 839 | | 840 | | 841 | | 842 | | 843 | | 844 | | 845 | | 846 | | 847 | | 848 | | 849 | | 850 | | 851 | | 852 | | 853 | | 854 | | 855 | | 856 | | 857 | | 858 | | 859 | | 860 | | 861 | | 862 | | 863 | | 864 | | 865 | | 866 | | 867 | | 868 | | 869 | | 870 | | 871 | | 872 | | 873 | | 874 | | 875 | | 876 | | 877 | | 878 | | 879 | | 880 | | 881 | | 882 | | 883 | | 884 | | 885 | | 886 | | 887 | | 888 | | 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Enclosure (7)

ANNEX C

[illegible]

| ID # | TAN # | NONDECLATURE | I MAF | | | | II MAF | | | | III MAF | | | |
|--------|-------|--------------------------------|-------|-----|----|------|--------|-----|----|------|---------|-----|----|------|
| | | | ALL | O/H | DL | MOOS | ALL | O/H | DL | MOOS | ALL | O/H | DL | MOOS |
| 06824A | A3238 | AN/UPN-32 | 11 | 11 | 3 | 0 | 12 | 11 | 2 | 0 | 10 | 8 | 1 | 0 |
| 06828B | A2040 | AN/PRC-75 | 173 | 174 | 30 | 0 | 213 | 112 | 14 | 0 | 129 | 122 | 13 | 0 |
| 07115E | A0437 | AN/TYC-5A | 5 | 4 | 0 | 0 | 4 | 4 | 0 | 0 | 5 | 3 | 2 | 0 |
| 07118B | B2444 | Tractor NC450 | 7 | 7 | 0 | 1 | 7 | 6 | 2 | 0 | 7 | 8 | 4 | 0 |
| 07459A | E1916 | DRAGON AN/TSM-128 | 8 | 8 | 2 | 0 | 10 | 12 | 0 | 0 | 10 | 10 | 1 | 0 |
| 07516A | A0246 | Cent Off Tele
AN/TTC-38(V)2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 07535A | B1050 | Gen 200 KW | 30 | 33 | 1 | 14 | 38 | 37 | 0 | 6 | 31 | 33 | 0 | 1 |
| 07581A | A1413 | Radar AN/PFS-15 | 61 | 61 | 1 | 0 | 60 | 60 | 3 | 0 | 59 | 47 | 0 | 0 |
| 07664A | E9003 | A/C 1800 BTU | 106 | 100 | 4 | 0 | 133 | 128 | 2 | 0 | 143 | 129 | 14 | 0 |
| 07666A | B0009 | A/C 9000 BTU | 5 | 5 | 0 | 0 | 7 | 11 | 0 | 0 | 9 | 9 | 0 | 0 |
| 07679A | B0573 | Freq Conv CV 3231/U | 63 | 61 | 17 | 10 | 67 | 59 | 5 | 0 | 56 | 62 | 9 | 1 |
| 07726A | A1695 | Radio Freq
AN/USQ-46A | 42 | 42 | 4 | 0 | 42 | 40 | 1 | 0 | 45 | 43 | 4 | 0 |
| 07727A | A2275 | Rec, Signal Data
RO-376/USQ | 22 | 21 | 1 | 0 | 22 | 20 | 1 | 0 | 22 | 20 | 2 | 0 |
| 07779A | A2811 | Tent Set OQ-60/USQ-46 | 5 | 5 | 0 | 0 | 5 | 2 | 0 | 0 | 5 | 4 | 0 | 0 |
| 07838A | D1156 | Trk, Missile Car M2 | 60 | 60 | 4 | 0 | 36 | 36 | 1 | 0 | 12 | 12 | 1 | 0 |
| 07862A | F0235 | Semi-Tral 40 Ton-H970 | 16 | 17 | 0 | 1 | 16 | 16 | 2 | 3 | 11 | 11 | 0 | 0 |
| 07864A | E1015 | Trk, Cargo M880 | 272 | 266 | 36 | 6 | 312 | 306 | 69 | 0 | 268 | 248 | 26 | 0 |
| 07865A | D0915 | Trk, Amb1 M886 | 16 | 26 | 1 | 10 | 36 | 34 | 3 | 0 | 34 | 33 | 4 | 0 |
| 07872A | A0311 | Comm, Tech Cent
AN/TSC-84 | 4 | 3 | 0 | 0 | 4 | 4 | 0 | 0 | 4 | 4 | 0 | 0 |

POTENTIAL PROVISIONING POLICY CHANGES

GARRISON OPERATING LEVEL (GOL)

1. ITEMS COMMON TO SASSY
 - a. DO NOT COMPUTE INITIAL ISSUE REQUIREMENTS
2. ITEMS PECULIAR TO SASSY
 - a. COMPUTE
 - (1) DO NOT FORCE
 - b. DO NOT COMPUTE CONSUMABLES THAT ARE MANAGED AND STOCKED BY INTEGRATED MATERIEL MANAGER EXCEPT SCHEDULED MAINTENANCE ITEMS (i.e., Fuel Filter, Oil Filter)
3. WARRANTY TYPE ITEMS:
 - a. COMMERCIAL/MILITARY ITEM:
 - (1) NO GOL AUTHORIZED:
 - (a) VENDOR AVAILABLE LOCALLY
 - (2) OVERPACK GOL AUTHORIZED IF NO VENDOR AVAILABLE LOCALLY
4. CONTRACTOR SUPPORT:
 - a. IF PRODUCTION LINE EXCEEDS 1 YEAR
 - b. PECULIAR PARTS SUPPORT/REPAIR ONLY

MOUNT-OUT

1. ITEMS COMMON TO SASSY

- a. DO NOT COMPUTE INITIAL MOUNT-OUT REQUIREMENTS

2. ITEMS PECULIAR TO SASSY

- a. COMPUTE FOR 60 DAYS

- (1) DO NOT FORCE

- b. DOES NOT COMPUTE FOR 60 DAYS

- (1) USE MCO 4400.141

FILTER MATRIX

- (2) IF ITEM PASSES FILTER COMPUTE FOR 360 DAYS.

- IF = 1 OR GREATER

- NO = 1

3. WARRANTY TYPE ITEMS

- a. COMMERCIAL/MILITARY ITEM:

- (1) OVERPACK 60 DAY MOUNT-OUT

- (2) DO NOT FORCE

- (3) DO NOT USE MATRIX

ANNEX C

PROJECTS TO BE RECOMPUTED USING POTENTIAL POLICY CHANGES

| <u>ID #</u> | <u>NOMENCLATURE</u> | <u>IN-SERVICE DATE</u> |
|-------------|----------------------------|------------------------|
| 07581 | Radar Set, AN/PPS-15 | Oct 79 |
| 07536 | Generator Set, MEP009A | Nov 79 |
| 07664 | Air Conditioner, 12000 BTU | Apr 78 |
| 07727 | Receiving Set RO-376 | Jan 79 |
| TBD | New Project | Not In-Service |
| TBD | New Project | Not In-Service |

Memorandum

IMA-1/KRS/ucj

DATE 20 JUN 1980

FROM: Deputy Chief of Staff for Installations and Logistics

TO: Assistant Commandant and Chief of Staff

VIA: Deputy Chief of Staff for Research, Development and Studies

SUBJ: Initial Issue Provisioning Policy Review Study

REF: (a) MCO P4400.79C
(b) MCO P3902.1

1. Reference (a) prescribes the provisioning policy and management principles for the identification, computation, acquisition, and positioning of initial spares/repair parts that are necessary to support the introduction of end items into the Fleet Marine Forces. This directive has been in effect approximately three years and, as with any complex management process, the expected results of actual spare/repair parts usage/demands are not always realized. Experience in the FMF has indicated that current provisioning policy has resulted in spare/repair part excesses and deficiencies. Consequently, on 14 September 1979, I directed that an in-depth review of current provisioning policies be conducted in order to determine the specific cause contributing to excesses and deficiencies and to make recommendations with a view towards making policy changes as appropriate.

2. This decision memorandum is submitted in accordance with reference (b), but prior to the submission of the subject study, since it has become evident that the implementation of the study's recommendations will result in improved provisioning and significant monetary savings. Therefore, it is desirable to staff these recommendations based on an essentially complete analysis of the provisioning process so that, upon approval of these recommendations, these savings can be instituted at the earliest possible time.

3. A noteworthy product of the study has been a set of computer programs which coordinates data extraction from such large files as the MIMS Equipment Repair Order file and the SASSY Master Header Information file, General Account Balance file, and Maintenance Float Balance file. The data contained in these files formed the input that made the calculation of the study measures of effectiveness possible. These programs have not only provided a basis on which to judge the current provisioning policy but they will also be used to determine the effectiveness of initial issue provisioning policy in the future.

4. The objectives of the study were threefold:

(a) To determine if the current provisioning policy provides for a stated weapon system equipment availability at initial cost.

(b) To identify improvements in current policy that are necessary to achieve a stated weapon system/equipment availability at reduced cost.

(c) Identify areas that may require additional study. There were no changes to these objectives throughout the study and the objectives of the study were met. Thirty-seven initial issue provisioning projects were analyzed using nine measures of effectiveness. The projects' inservice dates varied from February 1977 to November 1979.

5. In comparing demand to quantities provisioned, maintenance history files from II MAF and III MAF covering the period from late 1978 to early 1980 were analyzed. In every project that was studied overprovisioning had occurred for both consumables and reparable. In 65% of the projects studied, there was no demand at all for the range of items provisioned. Where demand did exist, it was a small fraction of the quantity provisioned. The evidence of overprovisioning for reparable was particularly conclusive. Only one project showed a demand for a provisioned reparable. Instances of shortages due to range (i.e., there was demand for an item that was not provisioned), were more numerous than shortages due to depth. The overall equipment repair parts availability of the thirty-seven initial provisioning projects was 94%. This overwhelming evidence of overprovisioning led the study group to recommend the policy changes in the following paragraph.

6. Recommendations:

RECOMMENDATION I. Do not acquire or provide repair parts in an initial issue garrison operating level (GOL) for the introduction of new end items into the FME under one of the following conditions:

- (1) When the end item is under a one year warranty and a repair parts vendor is available locally.
- (2) When a one year repair parts basic ordering agreement is established in the end item contract to permit FSSG's to acquire repair parts as needed.
- (3) When the Marine Corps is already registered as a user of the repair part and the repair part is managed and stocked by an integrated materiel manager or other service.

a. Discussion: Due to low initial usage of repair parts in a peacetime environment, repair parts can be obtained by FSSG's from a local vendor, contractor, or integrated materiel manager without adversely affecting end item availability.

b. Recommended Position. Concur.

c. Recommended Action. The DC/S I&L forward policy change to the ACLEB, Albany for implementation.

Subj: Provisioning Policy Review Study

RECOMMENDATION II. Do not acquire or provide insurance item repair parts in an initial issue mount-out (MO) that do not compute for a 60-day period (or 180-day period for designated critical low density end items) and meets one of the following conditions:

(1) When the Marine Corps is already registered as a user of the repair part and the repair part is managed and stocked by an integrated materiel manager or other service.

(2) When the repair part is readily available on the commercial market.

(3) When the repair part is a consumable item not readily available on the commercial market or stocked by an integrated materiel manager or other service but is unique to a reparable item only.

(4) When insurance items are not required during a one-year period of operational use.

a. Discussion: If a repair part is not anticipated to be required for a 60-day mount out and is available from an integrated materiel manager or other service, or readily available from the commercial market, the part should be available if unanticipated demand for the part is experienced. In addition, if a consumable repair part is unique to a reparable item and is not anticipated during a 60-day period, the reparable item would be provided as an insurance item, thus negating the need for the consumable item.

b. Recommended Position. Concur.

c. Recommended Action. The DC/S, I&L forward policy change to the MCLEB, Albany for implementation.

H. A. Hatch

H. A. HATCH

1. For Decision by the Assistant Commandant and Chief of Staff

Recommendation #1

ACMC&CS Action: Approved _____
 Disapproved _____

Recommendation #2

ACMC&CS Action: Approved _____
 Disapproved _____

ANNEX I

ADP SYSTEM SUPPORT

1. OVERVIEW. A significant effort in the conduct of the study was the development of an automated means by which the Measures of Effectiveness could be readily computed for any particular end item or list of end items. Each of the MOE's was decomposed to its lowest factorable level and a list of required variables was developed from which each of the MOE's could be recomputed. Table I contains this list of parameters. All ADP processing was oriented toward the determination of each of these MOE parameters.

In order to accomplish this requirement, it was determined that the following files would be required:

1. ERO History File (Field Subsystem MIMMS)
2. General Account Balance File-GABF (SASSY)
3. Maintenance Float Balance File-MFBF (SASSY)
4. Master Header Information File-MHIF (SASSY)

It should be noted that the determination of the MOE parameters was to be conducted for each active MAF, therefore, the four files were requested from the First, Second, and Third PSSG. The four data sets previously listed provided the study team a source of current NSN usage data as well as other NSN factors with respect to each item's current status, i. e., whether a part is combat critical, its unit price, whether it was RO, etc.

In addition to current part usage and status information, it was necessary to have, in automated form, the original provisioning quantities (both GOL and M/O) for each of the end items to be addressed by the study. The original consolidated lists existed at Albany but in a hardcopy report only. Therefore, a substantial key punch effort was required to create an automated file containing this data.

Once the primary data sets for each MAF were available, a series of programs was developed in order to compute the MOE factors. This processing can be broken down into four distinct phases:

1. Create an expanded consolidated list
2. Compute secondary reparable factors
3. Create an ERO subfile
4. MOE factor computation and report generation

Figure 1 provides an overview of the sequencing of each of these four phases. It should be noted that this sequence had to be repeated for each of the three active MAF's.

ANNEX I

The body of this Annex provides detailed descriptions of each of these processing phases. Each section contains a detailed flow diagram showing the interrelationships of the various files and programs within each phase. Section 5, which describes the Report Generation Process, additionally contains sample reports which reflect the end result of the entire ADP sequence.

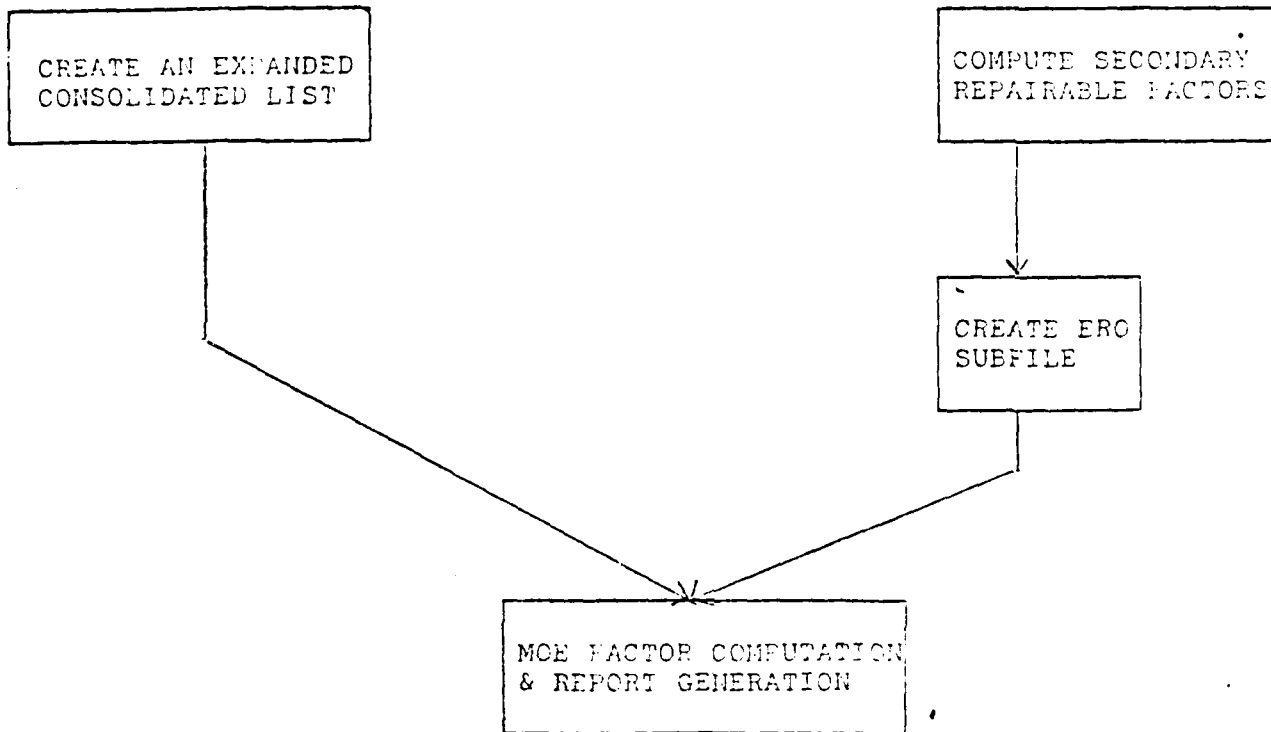
Several Appendices provide supplementary information. Appendix 1 contains the file definitions (FD's) of each of the primary data files used during the study and also the file definitions of the major interim working files created in this ADP process. Appendix 2 contains two of the Mark IV tables used in the sequence. Appendix 3 contains the complete source listings of each of the programs developed within each of the four major processing phases. The examples provided pertain to the determination of II MAF's MOE parameters. The other two MAF's were conducted in an analogous fashion. These programs were written to be executed on an IBM 360 using standard IBM 360 Job Control Language and utilities. The MARK IV retrieval language is used as the principal programming language.

TABLE I, ANNEX I

MOE COMPUTATION PARAMETERS

1. Cost of IIP: Garrison Operating Level (GOL)
2. Cost of IIP: Mount Out (M/O)
3. Range of IIP: GOL
4. Range of IIP: M/O
5. Percent of the IIP Range which is RO
6. Percent of the IIP (GOL) Range which is RO
7. Cost of IIP (total) which is not RO
8. Cost of IIP (GOL) which is critical
9. Total and average time awaiting parts
10. Total and average time awaiting parts ordered "NORS"
11. Number and cost of shortages (range and depth)
12. Number and cost of overages (range and depth)
13. Range and cost of items with zero demand

4 PROCESSING PHASES



NOTE: THIS ENTIRE SEQUENCE WAS REPEATED FOR EACH
MAF (I,II&III).

Figure 1

ANNEX I

2. PHASE I - CREATE AN EXPANDED CONSOLIDATED LIST.

a. Keypunch Original IIP Quantities. The first primary working file to be constructed is called the Expanded Consolidated List. It contains all data pertaining to the original provisioning quantities. As previously mentioned, the GOL and M/O provisioning quantities for each NSN associated with an end item ID were available only in a hard copy form. These consolidated listings were provided to HQMC from Albany for each of the end items addressed by the study. Table II provides a list of each of the projects which were received for the ID numbers studied. Using the SCANDATA data entry system, the hardcopy consolidated listings were keypunched into a temporary file. Referring to Figure 2, in the case of II MAF, the data set name of this File was HQMC1.LMIS.CHADWIK.CONSLIST(0). The file definition of this data set is contained in Appendix 1 as Mark IV FD: CONSLIST.

b. Once the original consolidated list has been keypunched, several steps are required:

(1) It is necessary to remove the project number orientation and compute a total GOL and total M/O provisioning quantity for each unique NSN/ID Number pairing, i. e., if an NSN is in several projects pertaining to the same end item, a cumulative total needs to be computed.

(2) Since comparisons with current usage data is the eventual aim of this processing, it is necessary to determine the current preferred NSN for each of the original NSN's.

(3) Various NSN related data elements need to be amended to the file, i. e.,

i. Unit Price

ii. Combat Essentiality Code

iii. Whether the NSN is a Consumable or a Reparable

iv. NSN Nomenclature

v. Order Ship Time

vi. Whether the NSN has a requisition objective or a Total Allowance

Quantity

The program EXP-CONS executes the steps just defined. The MHIF, GABF and MFBF are coordinated with the temporary data set HQMC1.LMIS.CHADWIK.CONSLIST (0) producing the working file: HQMC1.LPS2.I4524.CONSLIST (this version is II MAF related). The file definition with the data elements contained therein is an Appendix 1 as FD:EXPDCONS. Appendix 3 contains the source listing for the program EXP-CONS.

TABLE II, ANNEX I
PROJECTS ENTERED INTO CONSOLIDATED LISTINGS

| <u>ID NO.</u> | <u>PROJECT NO.</u> | <u>NO. OF NSN'S</u> |
|---------------|--------------------|---------------------|
| 06535B | C3T | 144 |
| 06824A | B1A | 7 |
| | B1B | 6 |
| 06828B | B0R | 34 |
| 07118B | C5G | 418 |
| 07459A | A8J | 506 |
| | C1A | 59 |
| 07475A | A4U | 218 |
| 07476A | A5I | 189 |
| 07477A | A4W | 135 |
| 07500A | A2F | 53 |
| 07516A | A56 | 73 |
| 07536A | A4R | 417 |
| | BOG | 396 |
| 07579A | A4C | 27 |
| 07581A | A1T | 309 |
| 07618A | B8Y | 1052 |
| 07623A | B0M | 543 |
| 07630M | A0L | 5 |
| 07632A | B04 | 264 |
| 07661A | A1S | 49 |
| 07664A | A2S | 42 |
| | C3D | 36 |
| 07665A | A2I | 37 |

TABLE II, ANNEX I
PROJECTS ENTERED INTO CONSOLIDATED LISTINGS

| <u>ID NO.</u> | <u>PROJECT NO.</u> | <u>NO. OF NSN'S</u> |
|---------------|--------------------|---------------------|
| 07666A | A2I | 54 |
| 07672A | A3L | 65 |
| 07673A | A3H | 13 |
| 07679A | A2J | 56 |
| 07684A | A5Z | 160 |
| 07711A | A6L | 21 |
| 07716A | A5U | 20 |
| 07717A | A5Y | 54 |
| 07718A | A5Q | 51 |
| 07726A | A6F | 39 |
| 07727A | A6E | 47 |
| 07728A | A6Q | 26 |
| 07729A | A60 | 74 |
| 07838A | B0Y | 4 |
| 07862A | B7Q | 11 |
| 07864A | B6Z | 104 |
| 07865A | B7G | 100 |

GENERATE EXPANDED CONSOLIDATED LIST

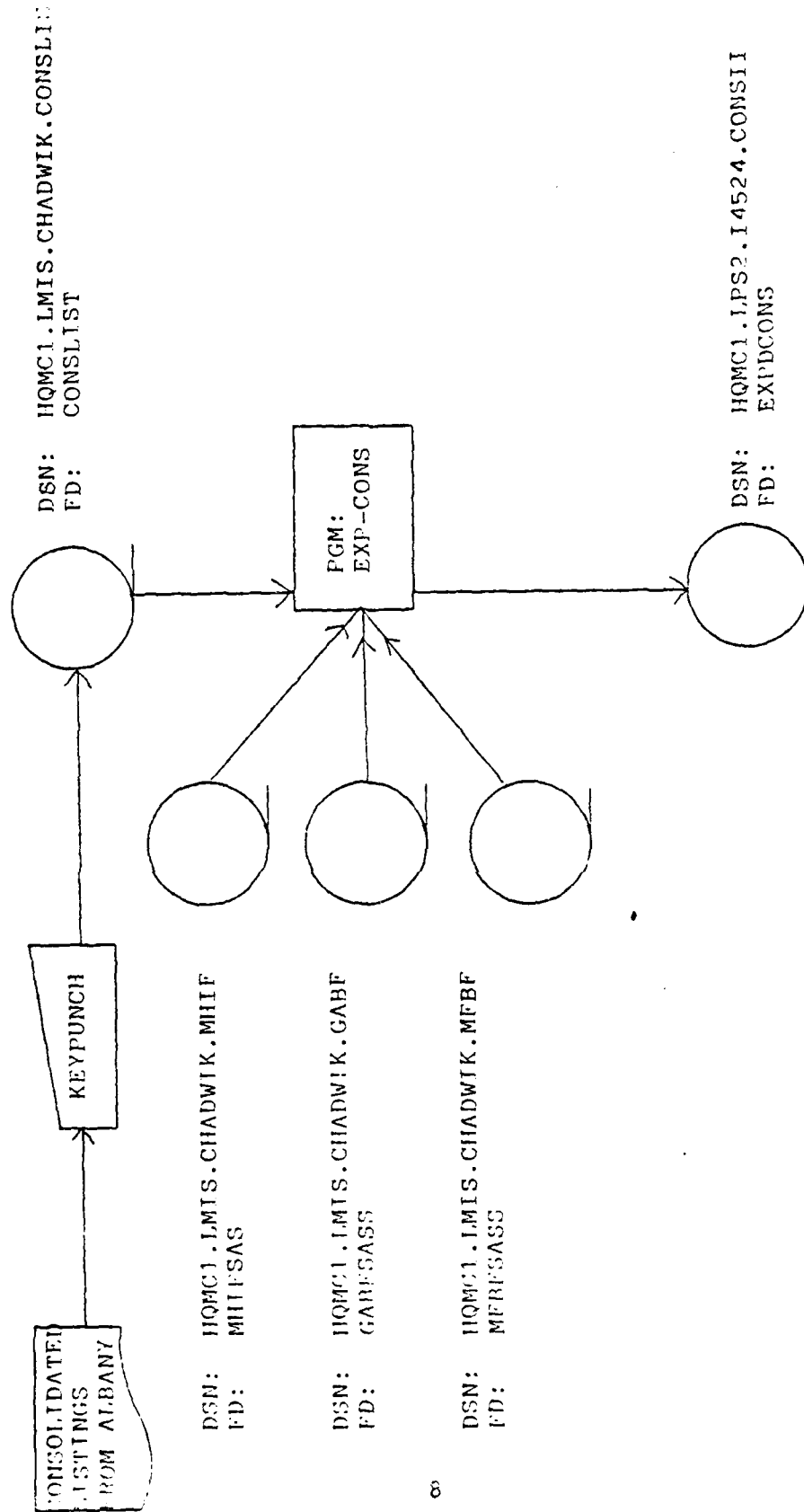


Figure 2

ANNEX I

3. PHASE II - SECREP FACTOR COMPUTATIONS.

a. SECREP Identification. The second primary working file to be developed was an ERO subfile. Due to the sheer magnitude of each MAF's ERO histories, it was necessary to generate a subfile containing part usage data pertaining only to those ID numbers being addressed by the study. It was at this point that a significant weakness in the MIMMS ERO History File was discovered. For ERO's opened up on the end item itself, i. e., on the ID, it was a relatively simple task to extract valid part usage. However, for ERO's opened up on secondary reparable, the link from reparable to end item did not exist. Although the TAMCN Field in an ERO opened on a SECREP was supposed to contain the ID number of the end item from which it was removed, this was not reflected in the actual ERO history file. For example, a certain transmission may be common to the M880 truck (examined in the provisioning study) and other types of motor transport vehicles. When the transmission is removed from an M880 and floated to the maintenance float of the intermediate maintenance activities it may not be repaired for several weeks or even months. When it is entered into the maintenance system, the fact that it came from an M880 was not recorded. Compounding this problem were other similar transmissions that were removed from other types of end items and entered the maintenance system. No differentiation existed between transmissions that came from M880's and those that came from other end items. Hence, the impact of provisioning repair parts for M880 transmissions could not easily be ascertained. It was this problem which necessitated the phase II processing.

The original ERO History File from II MAF was cataloged as the data set: HQMCL1MIS.CHADWIK. HISTORY. (The file definition PROV-SDY in Appendix 1 pertains.) The following automated/manual process was developed to alleviate the secondary reparable problem.

Referring to Figure 3, the program FACTOR-1 (with an end item selection list only) is initially executed using the ERO history as input and provides a report providing the following information with respect to each end item:

- (1) The number of ERO's opened on each ID number.
- (2) A list of those secondary reparable NSN's which have been removed from each of the end item ID's.

NOTE: It is assumed that a part requisitioned with an advice code of F1 through F6 is a reparable. Since the "F" type advice code signified a maintenance float type transaction, it was assumed that the item on requisition was a secondary reparable.

At the completion of the first iteration of the process, the program FACTOR-1 is modified to include, amended to the original end item selection list, an additional selection list of SECREP NSN's (See Appendix 3). The second iteration of the process produces a report with the following information:

- (1) The number of ERO's opened on each end item ID.
- (2) The number of ERO's opened on each of a selection list of SECREP NSN's.

ANNEX I

(3) A list of SECREP NSN's which have been removed from an end item ID or from another reparable to include what it was removed from.

This iterative process is repeated until no additional SECREP NSN's are identified and all SECREP NSN's have had the total number of ERO's opened on them determined.

b. SECREP Factoring. Since a secondary reparable can be common to many various end items, a basic assumption is required at this stage of the process. It is necessary to compute the part usage resulting from a particular SECREP's repairs based only on the number of that SECREP which was required to be repaired for the specific end item under study. This situation is best illustrated by the following example:

A generator has been removed from a truck twice. Since it is common to many other trucks in the inventory suppose the generator has been repaired a total of 10 times. Therefore, only one fifth (2/10) of the depth of parts used to fix the generator should be attributed to the truck under study.

In general terms the following factoring equations have been developed:

- (1) Parts used to repair a SECREP removed from an end item (SEC-REP-1):

$$\text{Factor} = \frac{(\text{Number of times a SEC-REP-1 repair was required for this end item})}{(\text{Total number of SEC-REP-1 repairs})}.$$

Note: The number of times a secondary repairable is required by an end item can be computed by counting the number of part requisitions (lower level ERO segments) for that particular NSN. The number of repairs on the SECREP can be determined by counting the number of ERO records opened up on the secondary repairable's NSN.

- (2) Parts used to repair a SECREP (SEC-REP-2) which was removed from another SECREP (SEC-REP-1):

$$\text{Factor} = \frac{1}{(\text{Total number of SEC-REP-2 repairs})} * \frac{(\text{Number of times a repair of a SEC-REP-2 was required in the repair of SEC-REP-1})}{(\text{Total number of SEC-REP-1 repairs})}$$

(Number of times SEC-REP-1 repair
* was required for the end item)

These factors are used as proportionality constants to convert total part usage toward a secondary reparable into only that part usage which is directly attributable toward a specific end item. Continuing the example:

ANNEX I

Example: SEC-REP-1 = Generator

End Item = Truck

Factor = $\frac{2}{10}$.

Therefore, the depth of parts required to repair all generators is multiplied by this Factor to compute the depth of parts required to repair only the truck's generator. (Note that the range of parts would remain the same). If over all generator repairs 20 electrical brushes were used, then 4 electrical brushes are attributable to the truck.

Using the ERO and SECREP histories produced by the program FACTOR-1 and the factoring equations, an automated table was created for each MAF which provides the following for each SECREP NSN:

- (1) The end item IDS to which it is linked.
- (2) The SECREP factor.

MARK IV table II-FCR in Appendix 2 is an example of this table.

It is noted that the problem of identifying secondary reparable, in the maintenance cycle, to their corresponding end item, has been rectified by a revision to the MIMMS System User's Manual, in January 1979, which specifies procedures for linking secondary reparable to their end items, when the component is undergoing repair.

4. Phase II - ERO SUBFILE CREATION.

a. Temporary Working Files. Due to the size of the MIMMS ERO history file and the processing times required, the extraction of ERO data pertaining to the end items being studied was conducted in several sequential steps. Five temporary files were created which were subsequently concatenated for further processing.

In the extraction of relevant data from the ERO History File several steps were required:

(1) Select only those ERO's opened up on an end item being studied or opened on a SECREP which was identified in the Phase II processing and flag the subfile record as either EE (End Item ERO) or SE (SECREP ERO).

(2) For each part requisitioned under a selected ERO, it is assumed that if the Date Received field was '9999' then the part was invalid and its use is to be disregarded.

(3) For parts requisitioned under an ERO opened on a SECREP, the end item ID number is obtained from the table II-FCR (in the case of II MAF). The total usage quantity for these parts must then be multiplied by the SECREP factor found in the same table (see Appendix 2).

SECRET FACTOR COMPUTATIONS

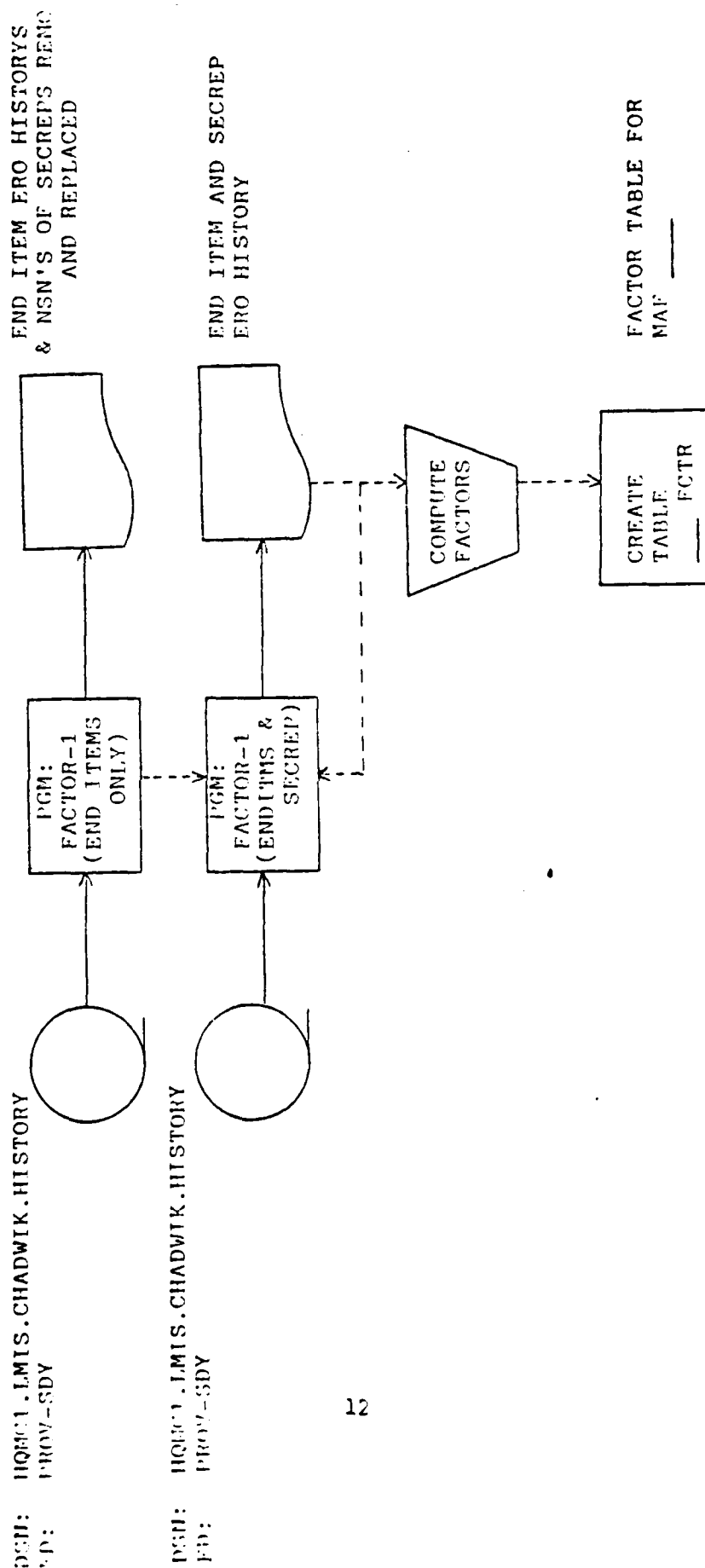


Figure 3

ERO SUBFILE CREATION

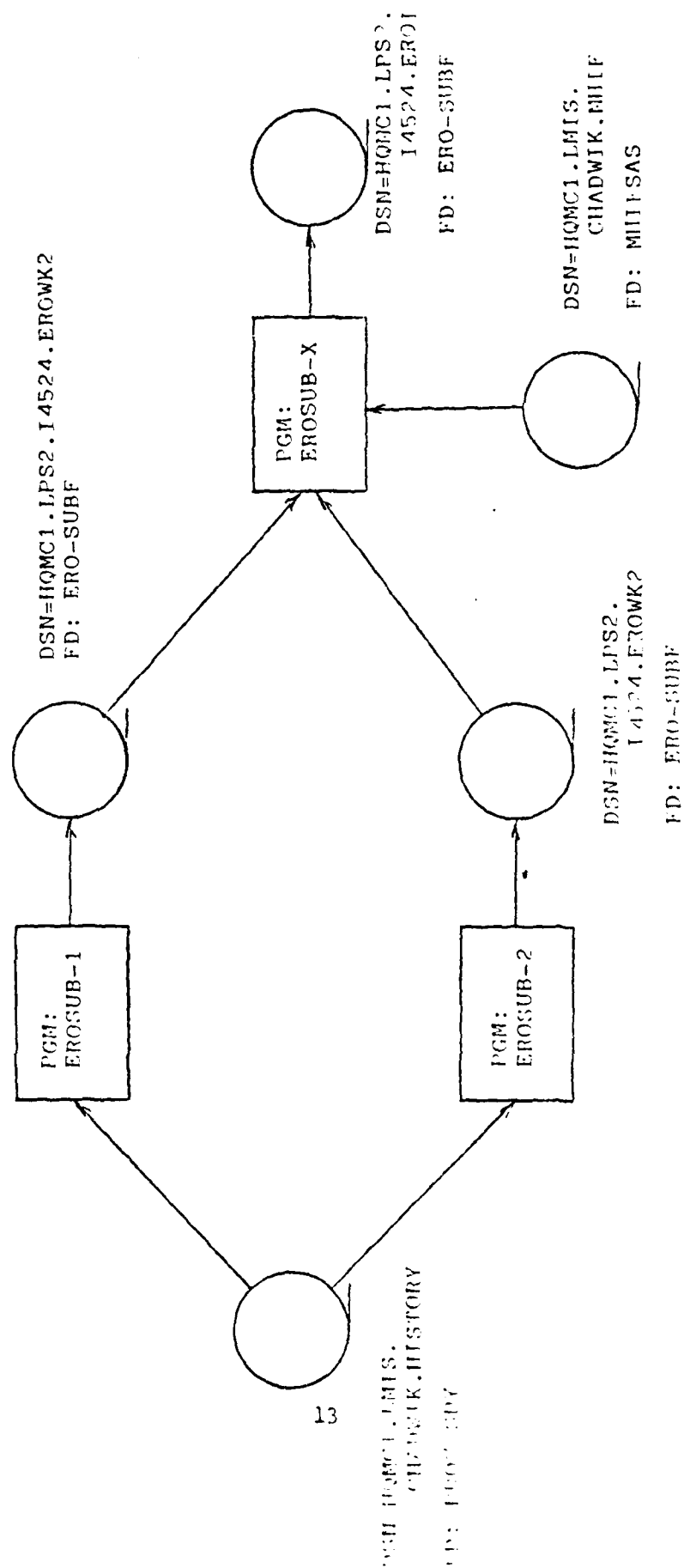


Figure 4

ANNEX I

(4) Each position of the part NSN is scanned to determine if it is non-numeric, if so the part is flagged as a non-NSN part.

(5) The time from the ordering of each part until its receipt is to be computed as follows:

(a) The sixth through ninth positions of the Document Number field provide the Julian date on which the part was ordered.

(b) The time awaiting the part is the difference (accounting for year changes) between the date received field and this partial fielding of the document number.

The programs EROSUB-1 and EROSUB-2 listed in Appendix 3 and displayed on Figure 4 create two temporary working files: HQMC.LPS2.I4524.EROWK1 and HQMC.LPS2.I4524.EROWK2. In the actual II MAF processing five working files were created.

b. ERO Subfile Creation. Once each of the temporary work files was created, the final step was to concatenate the files and extract additional NSN related data from the Master Header Information File (MHIF). For each NSN being requisitioned it is necessary to reference it by its preferred NSN. Using the preferred NSN for part usage as well as for the original provisioning lists allows the user to compare PNSN by PNSN the associated quantities. In addition to PNSN, the unit price, nomenclature and whether the part was a consumable or not was extracted from the MHIF.

Referring to Figure 4, program EROSUB-X concatenates the temporary files, coordinates the result with the MHIF and produces the second primary working file produced for each MAF, the ERO subfile: HQMC1.LPS2.I4524.EROII. The file definition of this subfile (ERO-SUBF) is contained in Appendix 1 which lists the data elements extracted with respect to each part requisitioned. It is noted that this data set will contain a record for each lower level segment (i.e., valid part requisition) for each ERO selected using the selection criteria established.

5. PHASE IV - REPORT PREPARATION.

a. Summary. The processing encompassed by Phases I, II and III results in the generation of two major working files for each of the three MAF's. These two files are the Expanded Consolidated List (FD:EXPDCONS) and the ERO Subfile (FD:ERO-SUBF). Using these two data sets the desired MOE parameters, as listed in Table I, can be computed for each end item being addressed by the study. These MOE parameters have been separated and displayed on four "MOE Sheets". The basic format and a sample output of each of these MOE sheets as well as several other supplementary reports is contained in the following figures.

| <u>FIGURE NO.</u> | <u>REPORT TITLE</u> |
|-------------------|--------------------------------|
| 6 | Consolidated Listing |
| 7 | Consolidated Listing (Sheet 2) |

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| <u>FIGURE NO.</u> | <u>REPORT TITLE</u> |
|-------------------|--|
| 8 | MOE Sheet II |
| 9 | MOE Sheets III and IV (Rounded down) |
| 10 | MOE Sheet III (.5 Rounded down) |
| 11 | MOE Sheets III and IV (.15 Rounded down) |
| 12 | MOE Sheet I |
| 13 | ERO Subfile Listing |

Figure 5 provides an overview of the several programs which use either one or both of the working files and produce the reports listed. The source listings for each of the report generation programs is contained in Appendix 3.

b. Report Processing Notes.

(1) The programs R-CONS, R-CONS2 and R-ERO provide echo listings of the data residing on the two primary working files. There is minimal computational processing involved in these programs.

(2) The following comments are provided to highlight the various assumptions and logic encompassed in the MOE Sheet report generation program.

(a) Pgm: R-MOEL.

i. The time spent waiting for a part is retained in the DATEDIFF variable. It is computed: $\text{DATEDIFF} = (\text{DATE RECEIVED}) - (\text{DATE ORDERED})$. This program computes a cumulative total of this date difference as well as a cumulative count of the number of part requisitions being tallied. This summation is executed for each end item for each combination of the following categorizations:

- Consumable vs. Repairable
- NSN Part vs. Non-NSN Part
- NORS Req'n vs. Non-NORS Req'n

ii. It is assumed that a 'NORS' requisition will be indicated by an "N" or an "E" in the NORS field of the ERO.

iii. For each ERO there may be one or several part requisitions. This program computes a factor termed the Maximum Datediff. This factor can be interpreted to be the longest time spend waiting for a part, assuming all required parts were ordered at the same time. Maximum Datediff is computed:

$\text{MaxDatediff} = \text{MAX} (\text{Datediff})$
All
Part
Req'n

REPORT PREPARATION

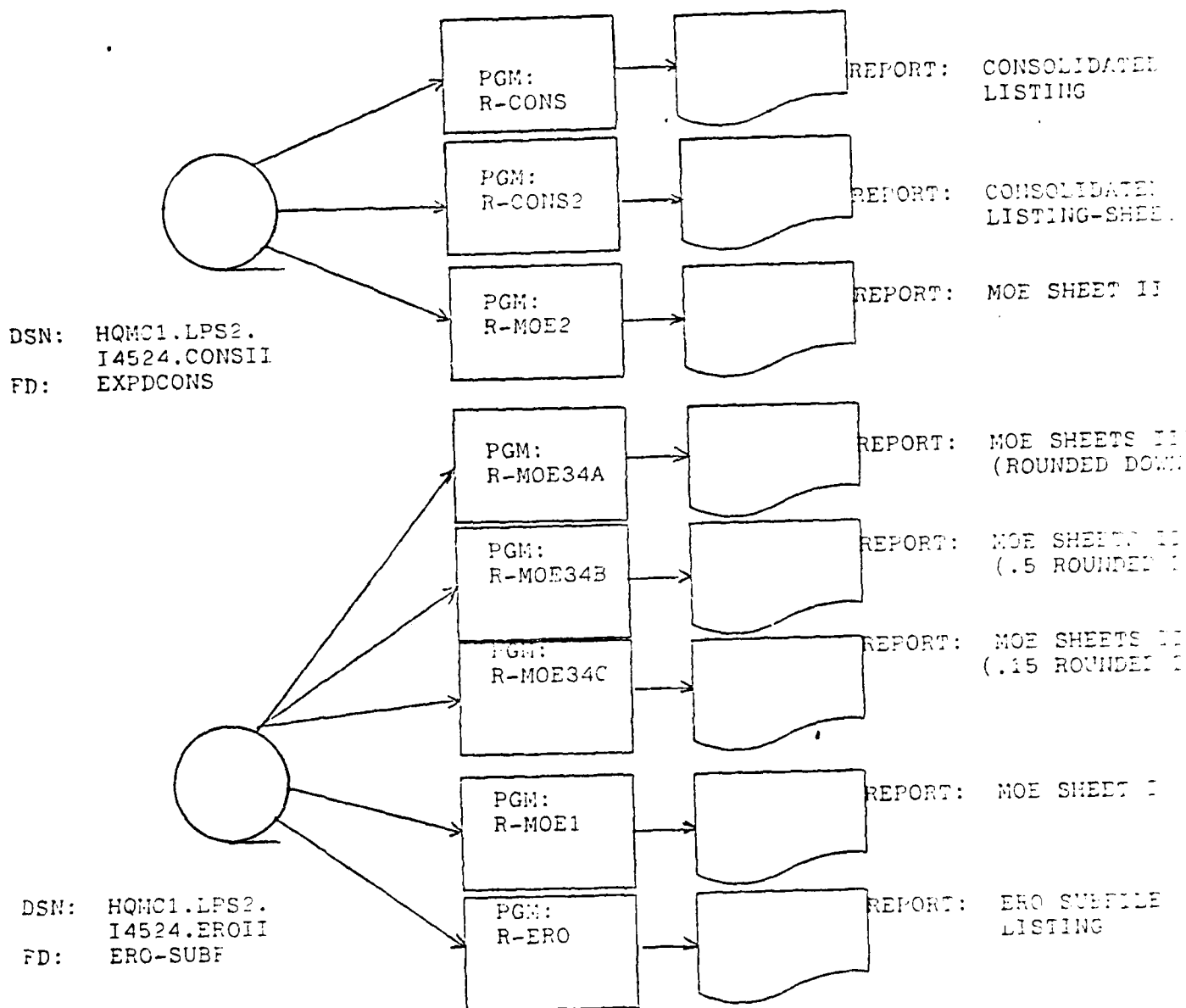


Figure 5
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This factor is also computed over the same set of qualifier combinations (NORS, NSN, CONS/REP) as the total waiting time.

(b) Pgm: R-MOE2.

i. For each category in which it is computed, cost is interpreted to be the total cost of the entire depth of parts. This is computed:

$$\text{Total Cost} = \sum_{\substack{\text{All} \\ \text{NSN's} \\ \text{In} \\ \text{Category}}} \text{NSN Qty} * \text{Unit Price}$$

ii. It was assumed that an NSN is "critical" if that NSN had a positive mount out quantity in the initial issue provisioning package. It was the decision of the study team to use this criteria vice the combat essentially code extracted from the MHIF.

iii. Throughout the processing in this program the following conversion applies: "RO" in the case of a consumable part connotes that the part has a positive requisition objective. In the case of a reparable part, "RO" connotes that the part had a positive Total Allowance quantity.

(c) Pgm: MOE34A, B, C,.

i. In order to provide a valid comparison of actual part usage as extracted from the ERO file to the initially provisioned GOL quantities, it was necessary to convert both to a common time scale. Since the IIP was originally computed (in the case of II MAF) for a 60 day period, it is necessary to compute a 60 day usage profile from the ERO history. The ERO file retains 485 days maintenance history, therefore a simple division provides the conversion. It is noted that in the case of reparables, the IIP is based on a 30 day period, therefore a different factor is applied.

ii. Due to the scaling conducted to convert to a 60 day period, the part usage quantity associated with each NSN is a fraction. It was decided that in comparing usage to GOL IIP various rounding conventions should be applied to the fractional ERO usage quantities prior to the comparison. The following rounding conventions were applied:

1. Any fraction is rounded down to the next lowest integer (MOE34A).

2. Any fraction less than 0.5 is rounded down to the next lowest integer, any fraction greater than or equal to 0.5 is rounded up (MOE34B).

3. Any fraction less than 0.15 is rounded down (MOE34C).
A number greater than or equal to 0.15 equates approximately to the use of at least

ANNEX I

two of the NSN's during the 485 days covered by the ERO's.

The use of each of these rounding conventions greatly affects the cross comparisons drawn between ERO usage and the IIP (GOL) quantities. These differences have been noted in the MOE discussions contained within this study.

iii. The following category definitions apply:

An NSN falls into the category:

Shortage if: (Rounded ERO Usage) > IIP(GOL) Quantity

if: IIP(GOL) = 0 then shortage in range

if: IIP(GOL) > 0 then shortage in depth

or Overage if: (Rounded ERO usage) < IIP(GOL) Quantity

if: (ERO Usage Prior to Rounding) = 0 then Zero Demands

or Even if: (Rounded ERO Usage) = (IIP(GOL) Quantity) and both are greater than 0

or Zero if: (Rounded ERO Usage) = (IIP(GOL) Quantity) = 0

A distinction has been made between the Even classification and the Zero classification to better tailor the resulting factors to the MOE's desired. The Zero class occurs when nothing has been provisioned for an NSN, and the actual usage after rounding is zero also.

ANNEX I

.....
* HEADQUARTERS, UNITED STATES MARINE CORPS
* PROVISIONING POLICY REVIEW STUDY
*
* CONSOLIDATED LISTING: II MAF
*
* THIS REPORT PROVIDES A LISTING OF THE GOL
* AND M/J QUANTITIES (SUMMED OVER ALL PROJ)
* FOR EACH ID NUMBER BEING STUDIED.
*

AD-A092 698

MARINE CORPS WASHINGTON DC

F/G 15/5

MARINE CORPS PROVISIONING POLICY REVIEW STAFF STUDY REPORT. (U)

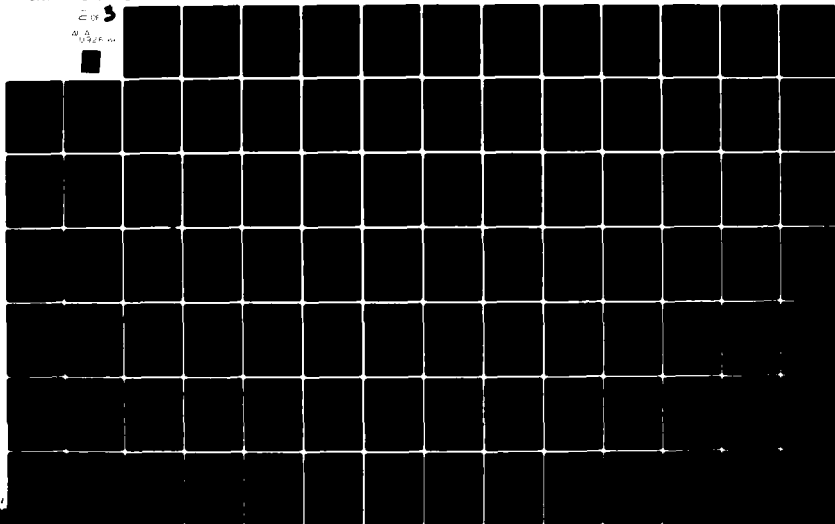
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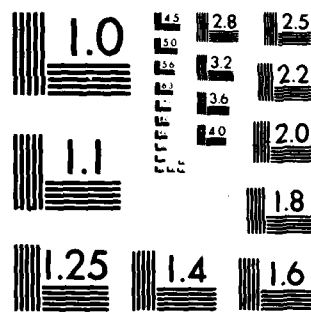
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963 A

04/14/80

HMC PROVISIONING REVIEW STUDY
CONSOLIDATED LISTING II MAP

PAGE 1

ID NO: 026268 IMPROVED HAWK (CONS & REPS)

IN SERVICE DATE: 17 APR 78

ANNEX I

| ORIG.
PROVISIONED | CURRENT
PREFERRED | NSN | NONENCLATURE | (C) CONS
(R) RPRL | CRITICALITY
CODE | UNIT PRICE
(ORIG. NSN) | GOL QTY | M/O QTY |
|----------------------|----------------------|-----|-----------------------|----------------------|---------------------|---------------------------|---------|---------|
| 5905-00-0079154 | 5905-00-4547031 | | RESISTOR, FIXED, WIRE | C | | 2.47 | 2 | |
| 5905-00-0101040 | 5905-00-5630109 | | RESISTOR, FIXED, WIRE | C | | 4.34 | 2 | |
| 5905-00-0594027 | 5905-00-0594827 | | RESISTOR, VARIABLE, W | C | 5 | 3.25 | 2 | |
| 5905-00-0640177 | 5905-01-0320752 | | RESISTOR, FIXED, FILM | C | | .49 | 2 | |
| 5905-00-0612533 | 5905-00-0642533 | | RESISTOR, FIXED, FILM | C | 6 | .32 | 2 | |
| 5905-00-0674730 | 5905-00-0674730 | | RESISTOR, FIXED, WIRE | C | | 2.35 | 2 | |
| 5905-00-0691265 | 5905-00-0680265 | | RESISTOR, VARIABLE, W | C | 2 | 2.05 | 2 | |
| 5905-00-0703072 | 5905-01-0234526 | | RESISTOR, FIXED, FILM | C | | 1.50 | 2 | |
| 5905-00-08006313 | 5905-00-08006313 | | RESISTOR, FIXED, FILM | C | 2 | .66 | 2 | |
| 5905-00-09001233 | 5905-00-09001233 | | RESISTOR, FIXED, WIRE | C | 2 | 1.03 | 2 | |
| 5905-00-1145107 | 5905-00-1145407 | | RESISTOR, FIXED, COMP | C | 5 | .04 | 2 | |
| 5905-00-1151322 | 5905-00-1354322 | | RESISTOR, VARIABLE, N | C | 2 | 3.84 | 2 | |
| 5905-00-1354323 | 5905-00-1354323 | | RESISTOR, VARIABLE, N | C | 2 | 3.73 | 2 | |
| 5905-00-1354324 | 5905-00-1354324 | | RESISTOR, VARIABLE, N | C | 2 | 5.26 | 2 | |
| 5905-00-1354329 | 5905-00-1354329 | | RESISTOR, VARIABLE, N | C | 2 | 6.13 | 2 | |
| 5905-00-1454329 | 5905-00-1383376 | | RESISTOR, FIXED, FILM | C | | .18 | 2 | |
| 5905-00-1703376 | 5905-00-1302190 | | RESISTOR, FIXED, WIRE | C | 5 | .59 | 2 | |
| 5905-00-1702190 | 5905-00-1528847 | | RESISTOR, FIXED, FILM | C | 5 | 3.71 | 2 | |
| 5905-00-1528847 | 5905-00-1528847 | | RESISTOR, FIXED, WIRE | C | 2 | 2.02 | 2 | |
| 5905-00-1705800 | 5905-00-1755900 | | RESISTOR, FIXED, WIRE | C | | .99 | 2 | |
| 5905-00-1702376 | 5905-01-0327759 | | RESISTOR, FIXED, WIRE | C | | .69 | 2 | |
| 5905-00-1812384 | 5905-01-0190378 | | RESISTOR, FIXED, FILM | C | | .76 | 2 | |
| 5905-00-1810887 | 5905-00-1801887 | | RESISTOR, FIXED, FILM | C | | .33 | 2 | |
| 5905-00-1803074 | 5905-00-1803074 | | RESISTOR, FIXED, FILM | C | 6 | 11.61 | 5 | |
| 5905-00-1803082 | 5905-00-1803083 | | RESISTOR, VARIABLE, W | C | 5 | 1.38 | 2 | |
| 5905-00-2007497 | 5905-00-2047497 | | RESISTOR, FIXED, FILM | C | 5 | .49 | 2 | |
| 5905-00-2115235 | 5905-00-2315236 | | RESISTOR, FIXED, FILM | C | 2 | 5.63 | 6 | |
| 5905-00-225175 | 5905-00-2325175 | | RESISTOR, VARIABLE, N | C | 2 | 3.26 | 2 | |
| 5905-00-2306683 | 5905-00-2306683 | | RESISTOR, FIXED, WIRE | C | 2 | 4.51 | 2 | |
| 5905-00-2306081 | 5905-00-2306081 | | RESISTOR, FIXED, WIRE | C | 6 | 2.40 | 2 | |
| 5905-00-240083 | 5905-00-240083 | | RESISTOR, FIXED, FILM | C | 5 | 4.34 | 2 | |
| 5905-00-2400550 | 5905-00-2400550 | | RESISTOR, FIXED, FILM | C | 6 | 7.35 | 2 | |
| 5905-00-2422038 | 5905-00-2422038 | | RESISTOR, FIXED, WIRE | C | 5 | 2.70 | 2 | |
| 5905-00-2422143 | 5905-00-2422143 | | RESISTOR, FIXED, FILM | C | 2 | .54 | 2 | |
| 5905-00-2430471 | 5905-00-2430471 | | RESISTOR, VARIABLE, N | C | 2 | .94 | 2 | |
| 5905-00-2430626 | 5905-00-2430626 | | RESISTOR, FIXED, FILM | C | 5 | 11.81 | 2 | |
| 5905-00-2501580 | 5905-00-2501580 | | RESISTOR, FIXED, FILM | C | 5 | 1.20 | 2 | |
| 5905-00-2501587 | 5905-00-2501587 | | RESISTOR, FIXED, FILM | C | 6 | .49 | 2 | |
| 5905-00-2532416 | 5905-00-2532416 | | RESISTOR, VARIABLE, W | C | 2 | 2.51 | 2 | |
| 5905-00-2564575 | 5905-00-2564575 | | RESISTOR, FIXED, WIRE | C | 5 | | 2 | |
| 5905-00-2569177 | 5905-00-2569177 | | RESISTOR, FIXED, FILM | C | 6 | | 2 | |
| 5905-00-2796498 | 5905-00-2796498 | | RESISTOR, FIXED, WIRE | C | | | 2 | |
| 5905-00-2808348 | 5905-00-2808348 | | RESISTOR, FIXED, WIRE | C | | | 2 | |

ANNEX I

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

CONSOLIDATED LISTING: 11 MAF
SHEET 2

THIS REPORT PROVIDES A LISTING OF THE GOL
AND M/O QUANTITIES (SUMMED OVER ALL PROJ)
FOR EACH ID NUMBER BEING STUDIED.

04/14/80

 HQMC PROVISIONING REVIEW STUDY
 CONSOLIDATED LISTING (SHEET 2) II MAF

PAGE 1

ID NO: 026268 . IMPROVED HAWK (CONS & REPS)

IN SERVICE DATE: 17 APR 78

| (C) CONS (M) RPRL | | (G) GABF | (M) MFBF | ORIG.
PROVISIONED
NSN | CURRENT
PREFERRED
NSN | NOMENCLATURE | ORDER SHIP TIME
(GABF/MFBF) | REQ OBJ /
FLOAT ALLOW. | |
|-------------------|---|----------|----------|-----------------------------|-----------------------------|-----------------------|--------------------------------|---------------------------|---|
| | | | | | | | | | |
| C | C | G | G | 5905-00-0079154 | 5905-00-4547031 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-0101040 | 5905-00-5630109 | RESISTOR, FIXED, WIRE | 132 | 1 | 1 |
| C | C | G | G | 5905-00-0594827 | 5905-00-0594827 | RESISTOR, VARIABLE, W | 26 | 1 | 1 |
| C | C | G | G | 5905-00-0101977 | 5905-01-0329752 | RESISTOR, FIXED, FILM | 30 | 1 | 1 |
| C | C | G | G | 5905-00-0112533 | 5905-00-0642533 | RESISTOR, FIXED, FILM | 35 | 1 | 1 |
| C | C | G | G | 5905-00-0674730 | 5905-00-0674730 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-0688265 | 5905-00-0688265 | RESISTOR, VARIABLE, W | 26 | 1 | 1 |
| C | C | G | G | 5905-00-0793972 | 5905-01-0334526 | RESISTOR, FIXED, FILM | 33 | 1 | 1 |
| C | C | G | G | 5905-00-0806313 | 5905-00-0806313 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-0963239 | 5905-00-0963239 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1145107 | 5905-00-1145107 | RESISTOR, FIXED, COMP | 23 | 4 | 4 |
| C | C | G | G | 5905-00-1354322 | 5905-00-1354322 | RESISTOR, VARIABLE, N | 102 | 1 | 1 |
| C | C | G | G | 5905-00-1354323 | 5905-00-1354323 | RESISTOR, VARIABLE, N | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1354324 | 5905-00-1354324 | RESISTOR, VARIABLE, N | 35 | 1 | 1 |
| C | C | G | G | 5905-00-1354329 | 5905-00-1354329 | RESISTOR, VARIABLE, N | 428 | 1 | 1 |
| C | C | G | G | 5905-00-1363376 | 5905-00-1363376 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1363376 | 5905-00-1363376 | RESISTOR, FIXED, WIRE | 156 | 1 | 1 |
| C | C | G | G | 5905-00-1362190 | 5905-00-1362190 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1528447 | 5905-00-1528447 | RESISTOR, FIXED, FILM | 243 | 1 | 1 |
| C | C | G | G | 5905-00-1715400 | 5905-00-1715400 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1862376 | 5905-01-0327759 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1862384 | 5905-01-0199378 | RESISTOR, FIXED, WIRE | 67 | 1 | 1 |
| C | C | G | G | 5905-00-1891887 | 5905-00-1891887 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-1893074 | 5905-00-1893074 | RESISTOR, FIXED, WIRE | 33 | 1 | 1 |
| C | C | G | G | 5905-00-1893083 | 5905-00-1893083 | RESISTOR, FIXED, FILM | 33 | 1 | 1 |
| C | C | G | G | 5905-00-2047497 | 5905-00-2047497 | RESISTOR, VARIABLE, W | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2315236 | 5905-00-2315236 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2325175 | 5905-00-2325175 | RESISTOR, FIXED, FILM | 36 | 1 | 1 |
| C | C | G | G | 5905-00-2335083 | 5905-00-2335083 | RESISTOR, VARIABLE, N | 428 | 1 | 1 |
| C | C | G | G | 5905-00-2368681 | 5905-00-2368681 | RESISTOR, FIXED, WIRE | 35 | 1 | 1 |
| C | C | G | G | 5905-00-2368683 | 5905-00-2368683 | RESISTOR, FIXED, WIRE | 33 | 1 | 1 |
| C | C | G | G | 5905-00-2405550 | 5905-00-2405550 | RESISTOR, FIXED, FILM | 33 | 1 | 1 |
| C | C | G | G | 5905-00-2422038 | 5905-00-2422038 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2422443 | 5905-00-2422443 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2432471 | 5905-00-2432471 | RESISTOR, FIXED, FILM | 47 | 1 | 1 |
| C | C | G | G | 5905-00-2438526 | 5905-00-2438526 | RESISTOR, FIXED, WIRE | 35 | 1 | 1 |
| C | C | G | G | 5905-00-2501580 | 5905-00-2501580 | RESISTOR, VARIABLE, N | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2501587 | 5905-00-2501587 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2501587 | 5905-00-2501587 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2542416 | 5905-00-2542416 | RESISTOR, FIXED, FILM | 26 | 1 | 1 |
| C | C | G | G | 5905-00-2564575 | 5905-00-2564575 | RESISTOR, VARIABLE, W | 35 | 1 | 1 |
| C | C | G | G | 5905-00-2569177 | 5905-00-2569177 | RESISTOR, FIXED, WIRE | 35 | 1 | 1 |
| C | C | G | G | 5905-00-2796498 | 5905-00-2796498 | RESISTOR, FIXED, FILM | 33 | 1 | 1 |
| C | C | G | G | 5905-00-2808348 | 5905-00-2808348 | RESISTOR, FIXED, WIRE | 26 | 1 | 1 |

ANNEX I

Figure 7 (2 of 2)

ANNEX I

.....
HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY
.....
MOE SHEET II (II MAF)
.....
THIS REPORT PROVIDES SELECTED COSTING, RO
AND OST FACTORS BROKEN DOWN FOR EACH ID
BY: GOL / MO / CONSUMABLE / REPAIRABLE.
.....

MONC PROVISIONING REVIEW STUDY
MCE COMPUTATION SHEET (II MAF)

PAGE: 2

APR 23, 1980

ID NO: 065358 . COMMUNICATIONS CENTRAL AN/TGC-36V IN SERVICE DATE: NONE

CONSUMABLES: COST OF GOL: 1006.37 COST OF GOL (CRITICAL): 1006.37
COST OF M/O: 1522.30 COST OF IIP (GOL + M/O) WHICH IS NOT RO: 693.13
TOTAL COST: 2528.67
RANGE (GOL): 65 % OF THE IIP WHICH IS RO: 48.59%
RANGE (M/O): 142 % OF GOL WHICH IS RO: 80.00%
RANGE (IIP): 142

REPAIRABLES: COST OF GOL: 654.50 COST OF GOL (CRITICAL): 654.50
COST OF M/O: 1079.21 COST OF IIP (GOL + M/O) WHICH IS NOT RO: .00
TOTAL COST: 1733.71
RANGE (GOL): 2 % OF THE IIP WHICH IS RO: 100.00%
RANGE (M/O): 2 % OF GOL WHICH IS RO: 100.00%
RANGE (IIP): 2

ANNEX I

Figure 6 (2 of 2)

.....
 • HEADQUARTERS. UNITED STATES MARINE CORPS •
 • PROVISIONING POLICY REVIEW STUDY •
 •
 • MOE SHEETS III + IV: (GOL) •
 • ERO USAGE ROUNDED DOWN (11 MAF) •
 •

ADJUSTED TWO MONTH ERO USAGE IS ROUNDED USING THE
 STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST.
 FOR EACH ID NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN
 BY CONSUMABLE AND REPAIRABLE CLASSES INTO THE FOLLOWING
 CATEGORIES:

- 1) EVEN: BOTH THE ROUNDED ERO USAGE AND
 THE CONSLIST GOL QTY ARE THE
 SAME AND GREATER THAN ZERO.
- 2) OVERAGE: THE ROUNDED ERO USAGE IS LESS
 THAN THE CONSLIST GOL QUANTITY.
- 3) SHORTAGE: THE ROUNDED ERO USAGE IS GREATER
 THAN THE CONSLIST GOL QUANTITY.
- 4) ZEROS: THE ROUNDED ERO USAGE AND THE
 GOL QTY ARE BOTH ZERO.

HMC PROVISIONING REVIEW STUDY
 MOE COMPUTATION SHEET III
 END ITEM SUMMARIES (II MAF)

PAGE: 2

APR 15, 1980

ID NO: 065358
 COMMUNICATIONS CENTRAL AN/TGC-36V

CONSUMABLES

IN SERVICE DATE: NONE

| | | | |
|------------|-----|--|---------|
| SHORTAGES: | (1) | NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO, BUT WHICH HAD NO GOL PROVISIONED: (LABEL: RANGE - 'RNG') | .00 |
| | (2) | NUMBER OF NSNS WHICH HAD GOL PROVISIONED, BUT HAD A ROUNDED 2 MO. ERO USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | .00 |
| | (3) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND THE GOL PROV. QTY (WHEN USAGE IS GREATER): | .00 |
| OVERAGES: | (4) | NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DMD') | 61.00 |
| | (5) | NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO. ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 64.00 |
| | (6) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 1005.93 |
| EVEN: | (7) | NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO ARE THE SAME (NOT EQUAL TO ZERO): | 1.00 |
| CONSLIST: | (7) | NUMBER OF NSNS FOR WHICH GOL WAS PROVISIONED: | 65.00 |
| | (9) | TOTAL NUMBER OF NSNS PROVISIONED (11P): | 142.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE ROUNDED DOWN.

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

HOMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET III
END ITEM SUMMARIES (II MAF)

PAGE: 3

APR 15, 1980

ID NO: 065358 . COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

REPAIRABLES

| | | |
|------------|--|--------|
| SHORTAGES: | (1) NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO. BUT WHICH HAD NO GOL PROVISIONED: (LABEL: RANGE - 'RNG') | .00 |
| | (2) NUMBER OF NSNS WHICH HAD GOL PROVISIONED, BUT HAD A ROUNDED 2 MO. ERO USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | .00 |
| | (3) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND THE GOL PROV. QTY (WHEN USAGE IS GREATER): | .00 |
| OVERAGES: | (4) NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DMD') | 2.00 |
| | (5) NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO. ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 2.00 |
| | (6) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 654.50 |
| EVEN: | (7) NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO ARE THE SAME (NOT EQUAL TO ZERO): | .00 |
| CONSLIST: | (8) NUMBER OF NSNS FOR WHICH GOL WAS PROVISIONED: | 2.00 |
| | (9) TOTAL NUMBER OF NSNS PROVISIONED (IIP): | 2.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE ROUNDED DOWN.

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

Figure 9 (3 of 6)

HOMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET IV
END ITEM DETAILED DATA (II MAF)

PAGE: 6

APR 15, 1980

IN SERVICE DATE: NONE

ID NO: 005358 COMMUNICATIONS CENTRAL AN/TCG-36V

CONSUMABLES WHICH WERE PROVISIONED (GOL) EVEN

.. ERO USAGE IS ROUNDED DOWN ..

| PREFERRED
NSN | NSN
NOMEN |E R O.....
FACTORED | RND | IIP
GOL | UNIT
PRICE |S H O R T A G E S...
RNG DEP QTY NSN COST |O V E R A G E S.....
NO-DMD DEP QTY NSN COST |
|------------------|------------------|-----------------------------|-----|------------|---------------|--|--|
| 5320-00-9683238 | FUSEHOLDER BLOCK | 1.22 | 1.0 | 1.0 | .44 | .00 | .00 |

HQMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET IV
END ITEM DETAILED DATA (II MAF)

APR 15, 1980

PAGE: 7

ID NO: C65358 COMMUNICATIONS CENTRAL AN/TGC-36V IN SERVICE DATE: NONE
CONSUMABLES WHICH WERE PROVISIONED (GOL) OVER ** ERO USAGE IS ROUNDED DOWN **

| PREFERRED
NSN | NSN
NOMEN |E R O.....
FACTORED RND | IIP
GOL | UNIT
PRICE |S H O R T A G E S...
RNG DEP QTY NSN COST |O V E R A G E S.....
NO-DMD DEP QTY NSN COST |
|------------------|-----------------------|---------------------------------|------------|---------------|---|--|
| 5340-00-7298284 | PIN, QUICK RELEASE | .00 | 0 | 1.85 | .00 | 1.85 |
| 5355-00-5791210 | KNLS | .00 | 0 | .84 | .00 | .84 |
| 5305-00-1100993 | RESISTOR, FIXED, COMP | .00 | 0 | .03 | .00 | .03 |
| 5305-00-1114738 | RESISTOR, FIXED, COMP | .00 | 0 | .04 | .00 | .04 |
| 5305-00-1410595 | RESISTOR, FIXED, COMP | .00 | 0 | .04 | .00 | .04 |
| 5305-00-1410596 | RESISTOR, FIXED, COMP | .00 | 0 | .04 | .00 | .04 |
| 5305-00-1410600 | RESISTOR, FIXED, COMP | .00 | 0 | .03 | .00 | .03 |
| 5305-00-1411168 | RESISTOR, FIXED, COMP | .00 | 0 | .16 | .00 | .16 |
| 5305-00-5046897 | RESISTOR, FIXED, COMP | .00 | 0 | .21 | .00 | .21 |
| 5305-00-6421953 | RESISTOR, FIXED, WIRE | .00 | 0 | .28 | .00 | .28 |
| 5305-00-6409105 | RESISTOR, FIXED, WIRE | .00 | 0 | 2.78 | .00 | 2.78 |
| 5305-00-8530797 | RESISTOR, VARIABLE, W | .24 | 0 | 1.11 | .00 | 1.11 |
| 5310-00-542783 | CAPACITOR, FIXED, MET | .00 | 0 | 45.35 | .00 | 45.35 |
| 5315-00-1001022 | FILTER, RADIO FREQUE | .00 | 0 | 17.07 | .00 | 17.07 |
| 5315-00-944384 | FILTER, RADIO FREQUE | .00 | 0 | 9.29 | .00 | 9.29 |
| 5320-00-0232926 | FUSE, INDICATOR ALAR | .00 | 0 | .44 | .00 | .44 |
| 5320-00-0432641 | FUSE, CARTRIDGE | .00 | 0 | .11 | .00 | .11 |
| 5320-00-2404465 | FUSE, CARTRIDGE | .00 | 0 | .09 | .00 | .09 |
| 5320-00-2405030 | FUSE, CARTRIDGE | .00 | 0 | .26 | .00 | .26 |
| 5320-00-5483126 | FUSE, CARTRIDGE | .00 | 0 | .10 | .00 | .10 |
| 5320-00-572647 | FUSE, CARTRIDGE | .00 | 0 | .11 | .00 | .11 |
| 5320-00-6529020 | FUSEHOLDER, EXTRACTO | .00 | 0 | 4.06 | .00 | 4.06 |
| 5325-00-5837941 | CIRCUIT BREAKER | .00 | 0 | 2.28 | .00 | 2.28 |
| 5330-00-1262381 | SWITCH, LEVER | .00 | 0 | 36.27 | .00 | 36.27 |
| 5330-00-1263540 | SWITCH, TORQUE | .00 | 0 | 2.43 | .00 | 2.43 |
| 5330-00-6551514 | JACK, TELEPHONE | .00 | 0 | 1.20 | .00 | 1.20 |
| 5335-00-1424895 | COLLECTOR, RECEPTAC | .00 | 0 | 1.01 | .00 | 1.01 |
| 5335-00-2400713 | SECRET, PLUG-IN ELEC | .00 | 0 | .40 | .00 | .40 |
| 5335-00-2477314 | CONNECTOR, PLUG, ELEC | .00 | 0 | 1.63 | .00 | 1.63 |
| 5335-00-3215113 | CONNECTOR, PLUG, ELEC | .00 | 0 | .94 | .00 | .94 |
| 5335-00-4158030 | CONNECTOR, PLUG, ELEC | .00 | 0 | 2.51 | .00 | 2.51 |
| 5335-00-6217218 | CONNECTOR, PLUG, ELEC | .00 | 0 | 1.87 | .00 | 1.87 |
| 5335-00-8151541 | CONNECTOR, PLUG, ELEC | .00 | 0 | 5.04 | .00 | 5.04 |
| 5335-00-8183477 | CONNECTOR, RECEPTAC | .00 | 0 | 14.07 | .00 | 14.07 |
| 5335-00-8186897 | CONNECTOR, PLUG, ELEC | .00 | 0 | 3.29 | .00 | 3.29 |
| 5335-00-8274012 | CONNECTOR, PLUG, ELEC | .00 | 0 | .00 | .00 | .00 |
| 5335-00-9173278 | CONNECTOR, PLUG, ELEC | .00 | 0 | 1.54 | .00 | 1.54 |
| 5335-00-9735570 | CONNECTOR, RECEPTAC | .00 | 0 | 1.24 | .00 | 1.24 |
| 5335-00-9735570 | CONNECTOR, PLUG, ELEC | .00 | 0 | 3.47 | .00 | 3.47 |
| 5335-00-9735570 | CONNECTOR, PLUG, ELEC | .00 | 0 | 5.00 | .00 | 5.00 |
| 5335-00-9735570 | CONNECTOR, PLUG, ELEC | .00 | 0 | 4.89 | .00 | 4.89 |

ANNEX 1

Figure 9 (5 of 6)

HQMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET IV
END ITEM DETAILED DATA (III MAF)

APR 15, 1980

PAGE: 9

ID NO: 065358 COMMUNICATIONS CENTRAL AN/TGC-36V

CONSUMABLES WHICH WERE PROVIDED (GOL) ZEROS

IN SERVICE DATE: NONE

** ERO USAGE IS ROUNDED DOWN **

| PREFERRED
NSN | NSN
NOMEN |E R O.....
FACTORED | RND | IIP
GOL | UNIT
PRICE |S H O R T A G E S....
RNG DEP QTY NSN COST |O V E R A G E S.....
MO-DMD DEP QTY NSN COST |
|------------------|-----------------------|-----------------------------|-----|------------|---------------|---|--|
| 4120-00-3237780 | CABLE ASSEMBLY, SPEC | .12 | .0 | .0 | 502.72 | .00 | .00 |
| 4210-00-2704512 | FILTER, FLUID, PRESSU | .12 | .0 | .0 | 2.82 | .00 | .00 |
| 5330-00-2923125 | GASKET | .00 | .0 | .0 | .00 | .00 | .00 |
| 5330-00-2414337 | GASKET | .00 | .0 | .0 | .00 | .00 | .00 |
| 5330-00-1824597 | GASKET | .00 | .0 | .0 | .12 | .00 | .00 |
| 5340-00-6106218 | STRAP, WEBBING | .00 | .0 | .0 | .00 | .00 | .00 |
| 5355-00-5766390 | KNOB | .00 | .0 | .0 | .77 | .00 | .00 |
| 5615-00-3153325 | PLATE, RETAINER | .12 | .0 | .0 | .10 | .00 | .00 |
| 5705-00-2953913 | ATTENUATOR, VARIABLE | .00 | .0 | .0 | 4.41 | .00 | .00 |
| 5705-00-3696923 | RESISTOR, FIXED, COMP | .00 | .0 | .0 | .07 | .00 | .00 |
| 5705-00-1759563 | RESISTOR, FIXED, WIRE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5705-01-0003286 | ATTENUATOR | .00 | .0 | .0 | .00 | .00 | .00 |
| 5715-00-1220550 | FILTER, RADIO FREQUE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5715-00-7512856 | FILTER, RADIO FREQUE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5715-00-6141317 | FILTER, RADIO FREQUE | .00 | .0 | .0 | 32.91 | .00 | .00 |
| 5715-01-0108397 | FILTER, RADIO FREQUE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5725-00-7539266 | CIRCUIT BREAKER | .00 | .0 | .0 | .00 | .00 | .00 |
| 5725-00-9509550 | CIRCUIT BREAKER | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-1609218 | SWITCH, PRESSURE | .73 | .0 | .0 | 1.83 | .00 | .00 |
| 5730-00-3716112 | SWITCH, ROTARY | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-5046273 | SWITCH, PUSH | .00 | .0 | .0 | 3.04 | .00 | .00 |
| 5730-00-6551575 | SWITCH, TOGGLE | .00 | .0 | .0 | 1.72 | .00 | .00 |
| 5730-00-7007005 | SWITCH, PRESSURE | .73 | .0 | .0 | 3.29 | .00 | .00 |
| 5730-00-7007004 | SWITCH, SENSITIVE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-7633199 | SWITCH, LEVER | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-0893882 | PLUG, TELEPHONE | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-1459460 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-1459470 | CONNECTOR, PLUG, ELEC | .12 | .0 | .0 | 50.65 | .00 | .00 |
| 5730-00-1459471 | CONNECTOR, PLUG, ELEC | .12 | .0 | .0 | 27.96 | .00 | .00 |
| 5730-00-1468282 | CONNECTOR, PLUG, ELEC | .12 | .0 | .0 | 69.49 | .00 | .00 |
| 5730-00-1613096 | COVER, ELECTRICAL CO | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-1728045 | COVER, ELECTRICAL CO | .00 | .0 | .0 | 3.47 | .00 | .00 |
| 5730-00-1772035 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | 12.34 | .00 | .00 |
| 5730-00-1893932 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | 3.65 | .00 | .00 |
| 5730-00-2020958 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-2027831 | CONNECTOR, PLUG, ELEC | .36 | .0 | .0 | 1.97 | .00 | .00 |
| 5730-00-2131180 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | 4.50 | .00 | .00 |
| 5730-00-2127590 | CONNECTOR, RECEPTAC | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-2127208 | COVER, ELECTRICAL CO | .00 | .0 | .0 | 2.56 | .00 | .00 |
| 5730-00-2134265 | CONNECTOR, PLUG, ELEC | .00 | .0 | .0 | .00 | .00 | .00 |
| 5730-00-2801935 | CLAMP, CABLE, ELECTRI | .00 | .0 | .0 | 1.64 | .00 | .00 |
| 5730-00-5005008 | COVER, ELECTRICAL CO | .00 | .0 | .0 | 1.69 | .00 | .00 |

Figure 3 (6 of 6)

.....
 * HEADQUARTERS, UNITED STATES MARINE CORPS *
 * PROVISIONING POLICY REVIEW STUDY *
 * *
 * MOE SHEETS III + IV. (GOL) *
 * ERO USAGE (.5-) ROUNDED DOWN (11 MAF) *
 *

ADJUSTED TWO MONTH ERO USAGE IS ROUNDED USING THE
 STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST.
 FOR EACH ID NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN
 BY CONSUMABLE AND REPAIRABLE CLASSES INTO THE FOLLOWING
 CATEGORIES:

- 1) EVEN: BOTH THE ROUNDED ERO USAGE AND
 THE CONSLIST GOL QTY ARE THE
 SAME AND GREATER THAN ZERO.
- 2) OVERAGE: THE ROUNDED ERO USAGE IS LESS
 THAN THE CONSLIST GOL QUANTITY.
- 3) SHORTAGE: THE ROUNDED ERO USAGE IS GREATER
 THAN THE CONSLIST GOL QUANTITY.
- 4) ZEROS: THE ROUNDED ERO USAGE AND THE
 GOL QTY ARE BOTH ZERO.

HQMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET III
END ITEM SUMMARIES (II MAF)

APR 15, 1980

PAGE: 2

ID NO: 065358 . COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

CONSUMABLES

| | | | |
|------------|--|---|--------|
| SHORTAGES: | | (1) NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO, BUT WHICH HAD NO GOL PROVIDED: (LABEL: RANGE - 'RNG') | 2.00 |
| | | (2) NUMBER OF NSNS WHICH HAD GOL PROVIDED, BUT HAD A ROUNDED 2 MO. ERO USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | .00 |
| | | (3) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND THE GOL PROV. QTY (WHEN USAGE IS GREATER): | 5.12 |
| OVERAGES: | | (4) NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DMD') | 61.00 |
| | | (5) NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO. ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 63.00 |
| | | (6) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 985.40 |
| EVEN: | | (7) NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO ARE THE SAME (NOT EQUAL TO ZERO): | 2.00 |
| CONSLIST: | | (8) NUMBER OF NSNS FOR WHICH GOL WAS PROVIDED: | 45.00 |
| | | (9) TOTAL NUMBER OF NSNS PROVIDED (IIP): | 142.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE (.5+) ROUNDED UP.

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

Figure 10 (2 of 3)

ANNEX I

HOWC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET III
END ITEM SUMMARIES (II MAF)

APR 15, 1980

PAGE: 3

ID NO: 06535B . COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

REPAIRABLES

| | | | |
|------------|-----|--|--------|
| SHORTAGES: | (1) | NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO, BUT WHICH HAD NO GOL PROVISIONED: (LABEL: RANGE - 'RNG') | .00 |
| | (2) | NUMBER OF NSNS WHICH HAD GOL PROVISIONED, BUT HAD A ROUNDED 2 MO. ERO USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | .00 |
| | (3) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND THE GOL PROV. QTY (WHEN USAGE IS GREATER): | .00 |
| OVERAGES: | (4) | NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DND') | 2.00 |
| | (5) | NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO. ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 2.00 |
| | (6) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 654.50 |
| EVEN: | (7) | NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO ARE THE SAME (NOT EQUAL TO ZERO): | .00 |
| CONSLIST: | (8) | NUMBER OF NSNS FOR WHICH GOL WAS PROVISIONED: | 2.00 |
| | (9) | TOTAL NUMBER OF NSNS PROVISIONED (JIP): | 2.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE (.5+) ROUNDED UP.

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

MOE SHEETS III + IV, (GOL)
ERO USAGE (.15-) ROUNDED DOWN (111 MAF)

ADJUSTED TWO MONTH ERO USAGE IS ROUNDED USING THE
STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST.
FOR EACH 10 NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN
BY CONSUMABLE A'D REPAIRABLE CLASSES INTO THE FOLLOWING
CATEGORIES:

- 1) EVEN: BOTH THE ROUNDED ERO USAGE AND
THE CONSIST GOL QTY ARE THE
SAME AND GREATER THAN ZERO.
- 2) OVERAGE: THE ROUNDED ERO USAGE IS LESS
THAN THE CONSIST GOL QUANTITY.
- 3) SHORTAGE: THE ROUNDED ERO USAGE IS GREATER
THAN THE CONSIST GOL QUANTITY.
- 4) ZEROS: THE ROUNDED ERO USAGE AND THE
GOL QTY ARE BOTH ZERO.

ANNEX I

APR 15, 1980

PAGE: 2

HMIC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET III
END ITEM SUMMARIES (II MAF)

ID NO: 065358 . COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

CONSUMABLES

| | | | |
|------------|-----|--|--------|
| SHORTAGES: | (1) | NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO.
BUT WHICH HAD NO GOL PROVIDED: (LABEL: RANGE - 'RNG') | 5.00 |
| | (2) | NUMBER OF NSNS WHICH HAD GOL PROVIDED, BUT HAD A ROUNDED 2 MO. ERO
USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | 1.00 |
| | (3) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND
THE GOL PROV. QTY (WHEN USAGE IS GREATER): | 10.46 |
| OVERAGES: | (4) | NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO
DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DND') | 61.00 |
| | (5) | NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO.
ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 63.00 |
| | (6) | TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND
THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 982.62 |
| EVEN: | (7) | NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO
ARE THE SAME (NOT EQUAL TO ZERO): | 1.00 |
| CONSLIST: | (8) | NUMBER OF NSNS FOR WHICH GOL WAS PROVIDED: | 65.00 |
| | (9) | TOTAL NUMBER OF NSNS PROVIDED (LIP): | 142.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE (.15+) ROUNDED UP

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

HOMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET III
END ITEM SUMMARIES (II MAF)

APR 15, 1980

PAGE: 3

ID NO: 065358 COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

REPAIRABLES

| | | |
|------------|--|--------|
| SHORTAGES: | (1) NUMBER OF NSNS WHICH HAD A ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO, BUT WHICH HAD NO GOL PROVISIONED: (LABEL: RANGE - 'RNG') | .00 |
| | (2) NUMBER OF NSNS WHICH HAD GOL PROVISIONED, BUT HAD A ROUNDED 2 MO. ERO USAGE IN EXCESS OF THE GOL PROV. QTY: (LABEL: DEPTH - 'DEP') | .00 |
| | (3) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE 2 MO. ERO USAGE AND THE GOL PROV. QTY (WHEN USAGE IS GREATER): | .00 |
| OVERAGES: | (4) NUMBER OF NSNS WHICH HAD A POSITIVE GOL PROV. QTY, BUT HAD ZERO DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND - 'NO DND') | 2.00 |
| | (5) NUMBER OF NSNS IN WHICH THE GOL PROV. QTY IS GREATER THAN THE 2 MO. ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP') | 2.00 |
| | (6) TOTAL DOLLAR VALUE OF THE DIFFERENCE BETWEEN THE GOL PROV. QTY AND THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE IS LESS): | 654.50 |
| EVEN: | (7) NUMBER OF NSNS IN WHICH THE GOL PROV QTY AND THE 2 MO. ROUNDED ERO ARE THE SAME (NOT EQUAL TO ZERO): | .00 |
| CONSIST: | (8) NUMBER OF NSNS FOR WHICH GOL WAS PROVISIONED: | 2.00 |
| | (9) TOTAL NUMBER OF NSNS PROVISIONED (LIP): | 2.00 |

NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE COMPUTED PART USAGE (.15+) ROUNDED UP

NOTE 2: LINE (2) + (5) + (7) = LINE (8)

ANNEX I

HEADQUARTERS, UNITED STATES MARINE CORPS
PROVISIONING POLICY REVIEW STUDY

MOE SHEET I (II MAF)

THIS REPORT PROVIDES WAITING TIME FACTORS
FOR NSI AND NON-NSI ITEMS BROKEN DOWN BY:
CONS: ENDITM / RPRL: ENDITM / CONS: SECREP

HOMC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET 1 (11 MAR)

APR 15, 1980

PAGE: 1

ID NO: 065358 COMMUNICATIONS CENTRAL AN/TGC-36V
IN SERVICE DATE: NONE

... PART CATEGORY ...

CONS: END-ITM

| | NSN | NON-NSN | OVERALL |
|--|--------|---------|---------|
| TOTALS: | | | |
| (1) SUMMATION OF DATEDIFF OVER ALL PART REQUISITIONS: | 651.00 | .00 | 651.00 |
| (2) SUMMATION OF THE MAXIMUM DATEDIFF PER ERO OVER ALL EROS WITH PART REQUISITIONS: | 304.00 | .00 | 304.00 |
| (3) SUMMATION OF THE MAXIMUM 'NORS' DATEDIFF PER ERO: OVER ALL EROS WITH PARTS REQUISITIONED 'NORS': | 33.00 | .00 | 33.00 |
| AVERAGES: | | | |
| (4) AVERAGE DATEDIFF OVER ALL PART REQUISITIONS: | 24.11 | + | 24.11 |
| (5) AVERAGE MAXIMUM DATEDIFF PER ERO: | 76.00 | + | 76.00 |
| (6) AVERAGE MAXIMUM 'NORS' DATEDIFF PER ERO: | 33.00 | + | 33.00 |
| COUNTS: | | | |
| (7) NUMBER OF EROS WITH PART REQUISITIONS: | 4.00 | .00 | 4.00 |
| (8) NUMBER OF PART REQUISITIONS: | 27.00 | .00 | 27.00 |
| (9) NUMBER OF EROS WITH NORS REQUISITIONS: | 1.00 | .00 | 1.00 |

NOTE 1: DATEDIFF = (DATE RECEIVED) - (DATE ORDERED)

NOTE 2: ERO PART USAGE IS NOT CONSIDERED VALID AND IS NOT USED IF:

(A) DATERECD = '9999'

(B)

(C)

Figure 12 (2 of 3)

ANNEX I

HOWC PROVISIONING REVIEW STUDY
MOE COMPUTATION SHEET 1 (11 NAF)

APR 15, 1980

PAGE: 2

ID NO: 065358 • COMMUNICATIONS CENTRAL AN/TGC-36V
IN SERVICE DATE: NONE

RPRL: END-ITM

--- PART CATEGORY ---

| | NSN | NON-NSN | OVERALL |
|--|--------|---------|---------|
| TOTALS: | | | |
| (1) SUMMATION OF DATEDIFF OVER ALL PART REQUISITIONS: | 202.00 | .00 | 202.00 |
| (2) SUMMATION OF THE MAXIMUM DATEDIFF PER ERO OVER ALL EROS WITH PART REQUISITIONS: | 202.00 | .00 | 202.00 |
| (3) SUMMATION OF THE MAXIMUM 'NORS' DATEDIFF PER ERO: OVER ALL EROS WITH PARTS REQUISITIONED 'NORS': | .00 | .00 | .00 |
| AVERAGES: | | | |
| (4) AVERAGE DATEDIFF OVER ALL PART REQUISITIONS: | 202.00 | + | 202.00 |
| (5) AVERAGE MAXIMUM DATEDIFF PER ERO: | 202.00 | + | 202.00 |
| (6) AVERAGE MAXIMUM 'NORS' DATEDIFF PER ERO: | + | + | + |
| COUNTS: | | | |
| (7) NUMBER OF EROS WITH PART REQUISITIONS: | 1.00 | .00 | 1.00 |
| (8) NUMBER OF PART REQUISITIONS: | 1.00 | .00 | 1.00 |
| (9) NUMBER OF EROS WITH NORS REQUISITIONS: | .00 | .00 | .00 |

ANNEX I

NOTE 1: DATEDIFF = (DATE RECEIVED) - (DATE ORDERED)

NOTE 2: ERO PART USAGE IS NOT CONSIDERED VALID AND IS NOT USED IF:

(A) DATERECD = '9999'

(B)

(C)

ANNEX I

.....
• HEADQUARTERS, UNITED STATES MARINE CORPS
• PROVISIONING POLICY REVIEW STUDY
•
• ERO SUBFILE LISTING
• (II NAF)
•
• A LISTING OF EACH PART ACQUISITION OVER
• THE 485 DAYS OF THE NIMMS ERO HISTORY.
•
.....

04/14/80

HONG PROVISIONING REVIEW STUDY
MIMMS ERO WORKING FILE LISTING (II MAF)

PAGE 1

ID NO: 085358. COMMUNICATIONS CENTRAL AN/TGC-36V

IN SERVICE DATE: NONE

| (EE) ENOITM ERO
(SE) SECREP ERO | (C) CONSUMABLE
(R) REPAIRABLE | PREFERRED
NSN | NSN NOMENCLATURE | (N) NSN
(X) NON-NSN | ERO USAGE
(485 DAYS) | NORS | DATE DIFF |
|------------------------------------|----------------------------------|------------------|------------------------|------------------------|-------------------------|------|-----------|
| | | | | | | | |
| EE | C | 4120003237780 | AIR CONDITIONER | N | 1.00 | N | 33 |
| | | 4210001424949 | AX. PICK HEAD | N | 1.00 | | 11 |
| | | 5815003153325 | COVER | N | 1.00 | | |
| | | 5905008530797 | RESISTOR, VARIABLE, W | N | 2.00 | | 20 |
| | | 5920000058328 | FUSEHOLDER, BLOCK | N | 5.00 | | 7 |
| | | 5920000058328 | FUSEHOLDER, BLOCK | N | 5.00 | | -26 |
| | | 5930001009218 | GUARD, SWITCH RUTTO | N | 1.00 | | |
| | | 5930001009218 | GUARD, SWITCH BUTTO | N | 5.00 | | 4 |
| | | 5930007069705 | SWITCH, PUSH | N | 1.00 | | |
| | | 5930007069705 | SWITCH, PUSH | N | 5.00 | | 4 |
| | | 5935001459470 | CO' NECTOR, PLUG, ELEC | N | 1.00 | | 26 |
| | | 5935001459471 | CO' NECTOR, PLUG, ELEC | N | 1.00 | | 26 |
| | | 5935001459282 | CO' NECTOR, PLUG, ELEC | N | 1.00 | | 132 |
| | | 5935002227811 | CO' NECTOR, PLUG, ELEC | N | 1.00 | | 19 |
| | | 5935002227811 | CO' NECTOR, PLUG, ELEC | N | 2.00 | | 29 |
| | | 5935000156812 | CO' NECTOR, RECEPTAC | N | 1.00 | | 26 |
| | | 5935008195886 | CO' NECTOR, PLUG, ELEC | N | 1.00 | | 7 |
| | | 5935008195886 | CO' NECTOR, PLUG, ELEC | N | 2.00 | | 21 |
| | | 5945007609020 | RELAY, DRIVER | N | 1.00 | | 26 |
| | | 5945008232612 | RELAY, ELECTROMAGNET | N | 1.00 | | 28 |
| | | 5945008232612 | RELAY, ELECTROMAGNET | N | 5.00 | | 48 |
| | | 6145007197394 | WIRE, ELECTRICAL | N | 1.00 | | 35 |
| | | 6230007299614 | FLASHLIGHT | N | 1.00 | | 23 |
| | | 6230007299614 | FLASHLIGHT | N | 1.00 | | 11 |
| | | 6545006561094 | AMMETER | N | 1.00 | | 104 |
| | | 6625009512605 | BRUSH, DUSTING, BENCH | N | 1.00 | | 11 |
| | | 7920001657277 | EXTINGUISHER, FIRE, C | N | 1.00 | | 23 |
| | | 4210002704512 | EXTINGUISHER, FIRE, C | N | 1.00 | | 202 |

R

ANNEX I

Figure 13 (2 of 2)

APPENDIX 1, ANNEX I

DATA SOURCES

This Appendix contains a file layout description for each of the primary data files used in the study. Also included are the file layouts for the two major work files created during the MOE factor computation processing.

The following Figures provide the MARK IV file definitions:

PRIMARY DATA SOURCES

| <u>FIGURE</u> | <u>MARK IV FD NAME</u> | <u>DATA SET REFERENCED</u> |
|---------------|------------------------|---|
| 1 | PROV-SDY | ERO History File: MIMMS Field Subsystem |
| 2 | MHIFSAS | Master Header Information File: SASSY |
| 3 | GABFSASS | General Account Balance File: SASSY |
| 4 | MFBFSASS | Maintenance Float Balance File: SASSY |
| 5 | CONSLIST | Keypunched Version of Original Consolidated Lists |
| 6 | ERO-SUBF | ERO Subfile |
| 7 | EXPDCONS | Expanded Consolidated Lists |

JUN 25, 1980
PAGE 1

DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - P01V-S0Y

FILE IDENTIFICATION -
NUMBER OF SEGMENTS IN FILE = 2
NUMBER OF FIELDS IN FILE = 41

RECORD FORMAT - VARIABLE BLOCKED
RECORD SIZE = 18448
BLOCK SIZE = 18456

SEGMENT 1, LEVEL 1

SEGMENT OCCURS N TIMES = 1
SEGMENT SIZE = 312
NUMBER OF FIELDS IN SEGMENT = 26

KEY FIELD 1 = END TYPE = C LENGTH = 5

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD ADDRESS | DEC PLACES | CNT FIELD FOR SGT | EDIT CODES () () | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING | *** |
|------------|------------|----------------|--------------|---------------|------------|-------------------|--------------------|-------------|--------------|---------|----------------|-----|
| END | C | 1 | 5 | | | | | 5 | 5 | 1 | END | *** |
| IMAGEA | C | 1 | 103 | | | | | 103 | 103 | 1 | HOH: 1-103 | *** |
| TAM | C | 6 | 5 | | | | | 5 | 5 | 1 | TAM | *** |
| ID-MO | C | 11 | 6 | | | | | 6 | 6 | 1 | ID-MO | *** |
| NSN | C | 17 | 13 | | | | | 13 | 13 | 1 | NSN | *** |
| MSC | C | 30 | 2 | | | | | 2 | 3 | 1 | MSC | *** |
| NIMEN | C | 32 | 14 | | | | | 14 | 14 | 1 | NIMEN | *** |
| SER-NO | C | 46 | 10 | | | | | 10 | 10 | 1 | SER NO | *** |
| IMMERUAC | C | 56 | 5 | | | | | 5 | 5 | 1 | IMMER UAC | *** |

Figure 1 (1 of 5)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - FORM-50V
Showing 1, LEVEL 1 (CONTINUED)

| FILED NAME | FILED TYPE | FILED LOCATION | FILED LENGTH | FILED HNDING | DEC PLACES | CAT FIELD FOR SENS | EDIT CHDLS () () () | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN | HEADING |
|------------|------------|----------------|--------------|--------------|------------|--------------------|------------------------|-------------|--------------|---------|--------|--------------|
| DWIS | P | 41 | 3 | | | | | 7 | 7 | 1 | *** | DATE |
| | | | | | | | | | | 2 | *** | RECD |
| | | | | | | | | | | 3 | *** | SHIP |
| ECN | C | 64 | 6 | | | | | 1 | 6 | 1 | *** | ECN (IF |
| | | | | | | | | | | 2 | *** | MAINT |
| QTY | Z | 70 | 2 | | | | | 3 | 8 | 1 | *** | QTY |
| | | | | | | | | | | 2 | *** | INDUCTED |
| X-ERN-1 | C | 72 | 5 | | | | | 5 | 9 | 1 | *** | CROSS REF |
| | | | | | | | | | | 2 | *** | ERI 1 |
| X-ERN-2 | C | 77 | 5 | | | | | 5 | 9 | 1 | *** | CROSS REF |
| | | | | | | | | | | 2 | *** | ERI 2 |
| IMAGB | C | 104 | 101 | | | | | 101 | 101 | 1 | *** | NDR: 104-203 |
| CAT | C | 148 | 1 | | | | | 1 | 3 | 1 | *** | CAT |
| DCD | P | 150 | 3 | | | | | 7 | 9 | 1 | *** | D-L |
| | | | | | | | | | | 2 | *** | CNTL DATE |
| DEF | P | 153 | 3 | | | | | 7 | 10 | 1 | *** | DATE ERI |
| | | | | | | | | | | 2 | *** | RECD ESTAB |
| DATECLUS | P | 156 | 3 | | | | | 7 | 11 | 1 | *** | DATE ERI |
| | | | | | | | | | | 2 | *** | RECD CLOSED |
| STATCLUS | C | 177 | 2 | | | | | 2 | 9 | 1 | *** | ERI CLUSE |
| | | | | | | | | | | 2 | *** | STATUS |

Figure 1 (2 of 5)

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DETAILED GLOSSARY BY LOCATION FOR
FILL DEFINITION - PROV-SKY
SIGNATURE 1, LEVEL 1 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD BINDING | DEC PLACES | DEC FOR SNT | UNIT CODES () () () | EDIT LENGTH | OUTPUT MICH | LINE NO | COLUMN HEADING | *** |
|------------|------------|----------------|--------------|---------------|------------|-------------|------------------------|-------------|-------------|---------|---------------------|-----|
| ML-IND | C | 170 | 4 | | | | | 4 | 9 | 1 | *** HEADLESS STATUS | *** |
| | | | | | | | | | | 2 | *** | *** |
| LM | C | 179 | 2 | | | | | 2 | 9 | 1 | *** RONS STAT | *** |
| TYPE | C | 181 | 2 | | | | | 2 | 8 | 1 | *** RDNS ECH | *** |
| IMAGEC | C | 211 | 102 | | | | | 102 | 102 | 1 | *** HDR, 211-312 | *** |
| ENT-READ | Z | 212 | 6 | | | | | 8 | 8 | 1 | *** METER READING | *** |
| | | | | | | | | | | 2 | *** | *** |
| PART-CNT | Z | 311 | 2 | | | | | 3 | 3 | | | |

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PAGE 4DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - PROV-SOV*****
* SEGMENT 2, LEVEL 2 *
*****COUNT FIELD FOR SEGMENT = PART-CNT
SEGMENT SIZE = 90
NUMBER OF FIELDS IN SEGMENT = 15
KEY FIELD 1 = DNC-NO TYPE = C LENGTH = 13

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEC PLACES | CNT FIELD FOR SGT | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|----------------|--------------|--------------|------------|-------------------|-------------|--------------|---------|---------------------|
| NSH-NSC | C | 1 | 2 | | | | 2 | 7 | 1
2 | WPH SYS
CODE |
| IMAGE | C | 1 | 90 | | | | 90 | 90 | 1 | SEQ 1-90 |
| PART-NSN | C | 3 | 13 | | | | 13 | 13 | 1 | PART NSN |
| PARTNAME | C | 16 | 10 | | | | 10 | 10 | 1 | PART NAME |
| DNC-NO | C | 26 | 13 | | | | 13 | 13 | 1 | DNC NO |
| DEM | C | 39 | 1 | | | | 1 | 6 | 1
2 | DEMAND
CODE |
| P-QTY | P | 42 | 3 | | | | 7 | 7 | 1 | PRT QTY |
| SUP-STAT | C | 47 | 2 | | | | 2 | 6 | 1
2 | SUPPLY
STATUS |
| SUP-DATE | P | 49 | 2 | | | | 4 | 9 | 1
2 | SUPPLY
STAT DATE |

Figure 1 (4 of 5)

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DETAILED GLASSARY BY LOCATION FOR FILE DEFINITION - PROV-SOT SEGMENT 2, LEVEL 2 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD INDIC | DEC PLACES | CNT FIELD ROWS | EDIT CODES () () | EDIT LENGTH | OUTPUT WIDTH | LINE (N) | COLUMN (F) | HEADING |
|------------|------------|----------------|--------------|-------------|------------|----------------|--------------------|-------------|--------------|-------------|-------------------|--------------------------------|
| RTC-LKH | C | 51 | 3 | | | | | 3 | 10 | 1
2
3 | ***

*** | RTC OF
LAST KNOWN
HOLDIN |
| NURS | C | 60 | 1 | | | | | 1 | 9 | 1
2 | ***
*** | NURS
INDICATOR |
| AUV | C | 61 | 2 | | | | | 2 | 6 | 1
2 | ***
*** | ADVISE
CODE |
| AUTH | C | 63 | 1 | | | | | 1 | 9 | 1 | *** | AUTH CODE |
| DATENEC | P | 64 | 3 | | | | | 7 | 9 | 1 | *** | DATE RECD |
| DC | C | 67 | 1 | | | | | 1 | 9 | 1
2 | ***
*** | DATE
CANCELLED |

Figure 1 (b or b)

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PAGE 1

DETAILED GLOSSARY BY LOCATION FIM
FILE DEFINITION - WHITESAS

RECORD FORMAT - FIXED UNPACKED
RECORD SIZE - 90
BLOCK SIZE - 1620

FILE IDENTIFICATION -
NUMBER OF SEGMENTS IN FILE - 1
NUMBER OF FIELDS IN FILE - 29

* SEGMENT 1, LEVEL 1 *

KEY FIELD 1 - RNSN TYPE - C LENGTH - 15

SEGMENT OCCURS N TIMES - 1
SEGMENT SIZE - 90
NUMBER OF FIELDS IN SEGMENT - 29

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING PLACES | DEC | CNT | FIELD EDIT CODES | EDIT LENGTH | INPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|----------------|--------------|---------------------|-----|-----|------------------|-------------|-------------|---------|-------------------------|
| FLAG | C | 1 | 1 | | | | | 1 | 1 | | |
| PHSN | C | 2 | 15 | | | | | 15 | 15 | 1 | *** PREFERRED NSN *** |
| RNSN | C | 17 | 15 | | | | | 15 | 15 | 1 | *** RECORD NSN *** |
| FILLER | C | 32 | 2 | | | | | 2 | 2 | | |
| SAC | C | 34 | 1 | | | | | 1 | 1 | 1 | *** SAC *** |
| MC | C | 35 | 1 | | | | | 1 | 10 | 1 | *** MANAGEMENT CODE *** |
| MEC | C | 35 | 2 | | | | | 2 | 3 | 1 | *** MEC *** |
| EC | C | 36 | 1 | | | | | 1 | 7 | 1 | *** ECHELON CODE *** |
| SLC | C | 37 | 1 | | | | | 1 | 9 | 1 | *** SHELF LIFE CODE *** |

Figure 2 (1 of 3)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - WHIPAS
SEGMENT 1, LEVEL 1 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD WIDTHING | DEL PLACES | CNT FIELD FROM SGM1 | LDI CODES
() () () | EDIT LENGTH | OUTPUT WIDTH | LINE NO | *** COLUMN HEADING *** |
|------------|------------|----------------|--------------|----------------|------------|---------------------|--------------------------|-------------|--------------|---------|--------------------------------------|
| U/P | P | 30 | 5 | | 2 | | (S) () () | 13 | 13 | 1 | *** U/P *** |
| RECOVERID | C | 43 | 1 | | | | | 1 | 14 | 1 | *** RECOVERABILITY CODE *** |
| NINEN | C | 44 | 19 | | | | | 19 | 19 | 1 | *** NAME OF ITEM *** |
| SEC | C | 63 | 1 | | | | | 1 | 13 | 1 | *** SECURITY CODE *** |
| PHRASE | C | 64 | 1 | | | | | 1 | 11 | 1 | *** PHRASE CODE *** |
| FILLER1 | C | 65 | 1 | | | | | 1 | 1 | | |
| CIC | C | 66 | 1 | | | | | 1 | 10 | 1 | *** CONTROLLED ITEM CODE *** |
| MIC | C | 67 | 1 | | | | | 1 | 14 | 1 | *** MATERIAL IDENTIFICATION CODE *** |
| PCC | C | 68 | 1 | | | | | 1 | 11 | 1 | *** PROCUREMENT CONTINUAL CODE *** |
| CEC | C | 69 | 1 | | | | | 1 | 12 | 1 | *** COMBAT ESSENTIALITY CODE *** |
| NSI | C | 70 | 1 | | | | | 1 | 14 | 1 | *** MUN SYSTEM ITEM INDICATION *** |

Figure 2 (2 of 3)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - MURSA
SEGMENT 1, LEVEL 1 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD MURSA | FIELD DEC | CNI FILLD | EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|----------------|--------------|-------------|-----------|-----------|-------------|-------------|--------------|---------|--------------------------|
| MUR | C | 71 | 1 | | | | () () () | 1 | 13 | 1 | *** MURSA MANAGED *** |
| | | | | | | | | | | 2 | *** CODE *** |
| MF1 | C | 72 | 1 | | | | | 1 | 16 | 1 | *** MAINTENANCE FLDA *** |
| | | | | | | | | | | 2 | *** INDICATOR *** |
| SURCTR | 2 | 73 | 2 | | | | | 3 | 12 | 1 | *** SUB COUNTS *** |
| DEMIL | C | 75 | 2 | | | | | 2 | 16 | 1 | *** DEMILITARIZATION *** |
| | | | | | | | | | | 2 | *** CODES *** |
| DEMILL | C | 76 | 1 | | | | | 1 | 6 | 1 | *** DEMILI *** |
| SRP | P | 77 | 3 | | | | () () () | 7 | 15 | 1 | *** STANDARD REPAIR *** |
| | | | | | | | | | | 2 | *** PRICE *** |
| SSC-MIC | C | 80 | 3 | | | | | 3 | 13 | 1 | *** SUPPLY SOURCE *** |
| | | | | | | | | | | 2 | *** CODE RIC *** |
| DATE | C | 83 | 4 | | | | | 4 | 4 | 1 | *** DATE *** |
| FILLER2 | C | 87 | 4 | | | | | 4 | 4 | | |

Figure 2 (3 of 3)

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DETAILED GLOSSARY BY LOCATION FOR
FILE IDENTIFICATION - GAFSA55

FILE IDENTIFICATION - GAFSA55
NUMBER OF SEGMENTS IN FILE - 1
NUMBER OF FIELDS IN FILE - 39

RECORD FORMAT - FIXED BLOCKED
RECORD SIZE - 144
BLOCK SIZE - 6336

* SEGMENT 1, LEVEL 1 *

SEGMENT OCCURS N TIMES - 1
SEGMENT SIZE - 144
NUMBER OF FIELDS IN SEGMENT - 39

KEY FIELD 1 - PMSN TYPE - C LENGTH - 15
KEY FIELD 2 - AAC TYPE - C LENGTH - 6
KEY FIELD 3 - PNC TYPE - C LENGTH - 1

| FIELD NAME | FIELD TYPE | FIELD LENGTH | FIELD RNDING | DEC PLACES | DEC | CHT FIELD EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|--------------|--------------|------------|-----|----------------------|-------------|--------------|---------|---------------------|
| PMSN | C | 1 | 15 | | | | 15 | 15 | 1 | *** PMSN *** |
| RMSN | C | 16 | 15 | | | | 15 | 15 | 1 | *** RECORD RMSN *** |
| AAC | C | 31 | 6 | | | | 6 | 6 | 1 | *** AAC *** |
| UI | C | 37 | 2 | | | | 2 | 3 | 1 | *** U/I *** |
| U/P | P | 39 | 5 | 2 | 2 | () () () | 13 | 13 | 1 | *** UNIT PRICE *** |
| SAC | C | 44 | 1 | | | | 1 | 3 | 1 | *** SAC *** |
| MIC | C | 45 | 1 | | | | 1 | 3 | 1 | *** MIC *** |
| CIC | C | 46 | 1 | | | | 1 | 3 | 1 | *** CIC *** |
| MSI | C | 47 | 1 | | | | 1 | 3 | 1 | *** MSI *** |
| PHRASE | C | 48 | 1 | | | | 1 | 2 | 1 | *** PC *** |

Figure 3 (1 of 4)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - GARS-545
SEGMENT 1, LEVEL 1 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD NUMBER | DEC PLACES | CAT FIELD | EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN NUMBER | *** |
|------------|------------|----------------|--------------|--------------|------------|-----------|------------|-------------|--------------|---------|---------------|--------------|
| FMC | C | 49 | 1 | | | | | 1 | 3 | 1 | *** | FMC *** |
| MC | C | 50 | 1 | | | | | 1 | 2 | 1 | *** | MC *** |
| MEC | C | 50 | 2 | | | | | 2 | 3 | 1 | *** | MEC *** |
| EC | C | 51 | 1 | | | | | 1 | 2 | 1 | *** | EC *** |
| TIPOTY | P | 52 | 3 | | | | | 7 | 7 | 1 | *** | TIPOTY *** |
| MSLR | P | 55 | 3 | | | | | 7 | 7 | 1 | *** | MSLR *** |
| RIP | P | 58 | 4 | | | | | 10 | 10 | 1 | *** | RIP *** |
| RH | P | 62 | 4 | | | | | 10 | 10 | 1 | *** | RH *** |
| OHAA | P | 64 | 4 | | | | | 10 | 10 | 1 | *** | OHAA *** |
| DUE-UPST | P | 70 | 4 | | | | | 10 | 10 | 1 | *** | DUE-UPST *** |
| RI | P | 74 | 4 | | | | | 10 | 10 | 1 | *** | RI *** |
| NEO | C | 76 | 4 | | | | | 4 | 4 | 1 | *** | NEO *** |
| NP | C | 82 | 2 | | | | | 2 | 2 | 1 | *** | NP *** |
| FIXLEVEL | P | 84 | 4 | | | | | 10 | 10 | 1 | *** | FIXLEVEL *** |

ANNEX 1

DETAILED SUMMARY BY LOCATION FOR
 FILE DEFINITION - GAFSASS
 SEGMENT 1, LEVEL 1 (CONTINUED)

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| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD WIDTH | DEC PLACES | DEC | INT FIELD | BIT CODES | BIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING | *** |
|------------|------------|----------------|--------------|-------------|------------|-----|-----------|-----------|------------|--------------|---------|----------------|-----|
| AMND | P | 128 | 4 | | | | | | 10 | 10 | 1 | AMND | *** |
| DEF-OTY | P | 92 | 3 | | | | | | 7 | 7 | 1 | DEF-OTY | *** |
| EXC-IN | P | 95 | 4 | | | | | | 10 | 10 | 1 | EXCESS-IN | *** |
| MVF | C | 99 | 1 | | | | | | 1 | 3 | 1 | MVF | *** |
| INAF | P | 100 | 4 | | | | | | 10 | 10 | 1 | IN-AP | *** |
| UNSR | P | 104 | 4 | | | | | | 10 | 10 | 1 | UN-GA | *** |
| DUESR | P | 108 | 4 | | | | | | 10 | 10 | 1 | DUE-GA | *** |
| NOJSTREC | P | 112 | 2 | | | | | | 4 | 9 | 1 | MI-RECPIS | *** |
| DAYECEP | P | 114 | 3 | | | | | | 7 | 11 | 1 | DAYS-RECPIS | *** |
| SSC | C | 117 | 1 | | | | | | 1 | 3 | 1 | SSC | *** |
| FEC | C | 118 | 1 | | | | | | 1 | 3 | 1 | FRZ | *** |
| FECDT | P | 119 | 3 | | | | | | 7 | 7 | 1 | FRZ-DT | *** |
| LTD | P | 122 | 3 | | | | | | 7 | 7 | 1 | LTD | *** |
| ANC | C | 125 | 1 | | | | | | 1 | 3 | 1 | ANC | *** |

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - CACB SASS
SEGMENT 1, LEVEL 1 (CONTINUED)

| FILED
NAME | FIELD
TYPE | FIELD
LOCATION | FIELD
LENGTH | FIELD
INDICATOR | DEC
PLACES | CNT
FOR SORT | UNIT
() () | UNIT
COOLS | UNIT
LENGTH | OUTPUT
WIDTH | LINE
NO | COLUMN
HEADING |
|---------------|---------------|-------------------|-----------------|--------------------|---------------|-----------------|-----------------|---------------|----------------|-----------------|------------|-------------------|
| FILEW1 | C | 126 | 19 | | | | | | 19 | 19 | 1 | FILEW1 |

Figure 3 (4 of 4)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - MINDPASS

FILE IDENTIFICATION -
NUMBER OF SCOWS IN FILE - 2
NUMBER OF FIELDS IN FILE - 24

RECORD FORMAT • FIMED BLOCKED
RECORD SIZE • 300
BLOCK SIZE • 6000

SECRET 1 JAN 65

SEGMENT OCCURS N TIMES = 1
SEGMENT SIZE = 120
NUMBER OF FIELDS IN SEGMENT = 21

KEY FIELD 1 - PNSN TYPE - C LENGTH - 15

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEC PLACES | CNT FIELD FOR SORT | EDIT QUES () () () | EDIT LENGTH | OUTPUT MIDIN | LINE NO | COLUMN HEADING | *** |
|------------|------------|----------------|--------------|--------------|------------|--------------------|-----------------------|-------------|--------------|---------|------------------------|-----|
| PNSN | C | 1 | 15 | | | | | 15 | 15 | 1 | *** PNSN | *** |
| RNSN | C | 16 | 15 | | | | | 15 | 15 | 1 | *** RNSN | *** |
| AAAC | C | 31 | 6 | | | | | 6 | 9 | 1 | *** ACTIVITY ACOR. CDE | *** |
| FRC | C | 37 | 1 | | | | | 1 | 3 | 1 | *** FRC | *** |
| U/I | C | 39 | 2 | | | | | 2 | 3 | 1 | *** U/I | *** |
| U/P | P | 41 | 5 | | 2 | | | 13 | 13 | 1 | *** U/P | *** |
| SAC | C | 46 | 1 | | | | | 1 | 3 | 1 | *** SAC | *** |
| ICIC | C | 47 | 1 | | | | | 1 | 9 | 1 | *** CMNT. ITR IND. | *** |
| SHRC | C | 48 | 5 | | | | | 5 | 7 | 1 | *** SHR CDE | *** |

Figure 4 (1 of 3)

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - MESSAGE
SEGMENT 1, LEVEL 1 (CONTINUED)

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD WIDTH | DEC PLACES | CHG FIELD | EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN IN ADRO |
|------------|------------|----------------|--------------|-------------|------------|-----------|-------------|-------------|--------------|---------|-------------------------|
| MAINT | C | 50 | 2 | | | | () () () | 2 | 9 | 1 | *** MAINT CDE *** |
| HYCDE | C | 52 | 1 | | | | | 1 | 5 | 1 | *** HEDIV CODE *** |
| MD-ALLOW | P | 62 | 2 | | | | | 4 | 9 | 1 | *** MD ALLOW *** |
| PRIV-IND | C | 64 | 1 | | | | | 1 | 9 | 1 | *** PRIV IND. *** |
| PRIV-ALW | P | 65 | 2 | | | | | 4 | 10 | 1 | *** PRIV ALLOW *** |
| PRIV-IND | P | 67 | 2 | | | | | 4 | 12 | 1 | *** PRIV ON HAND *** |
| PRIV-OTE | P | 69 | 3 | | | | | 7 | 9 | 1 | *** PRIV DATE *** |
| TOT-ALW | P | 78 | 2 | | | | | 4 | 9 | 1 | *** TOTAL ALLOWANCE *** |
| MD-RO | P | 80 | 2 | | | | | 4 | 10 | 1 | *** MD REQ OBJ *** |
| MSLRD | P | 88 | 2 | | | | | 4 | 5 | 1 | *** MSLRD *** |
| OST | P | 100 | 2 | | 2 | | | 5 | 5 | 1 | *** OST *** |
| MFI | C | 120 | 1 | | | | | 1 | 3 | 1 | *** MFI *** |

Figure 4 (2 of 3)

ANNEX 1

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DETAILED GLOSSARY OF LOCATION FOR FILE DEFINITION - word SA-5

* SEGMENT 2, LEVEL 2 *

KEY FIELD 1 = ISS-PT TYPE = C LENGTH = 2

SEGMENT OCCURS N TIMES = 10
SEGMENT SIZE = 26
NUMBER OF FIELDS IN SEGMENT = 3

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD NUMBERING | DEC PLACES | CHT FIELD FOR SCNT | EDIT CODES () () () | EDIT LENGTH | OUTPUT WIDTH | TIME NO | COLUMN HEADING |
|------------|------------|----------------|--------------|-----------------|------------|--------------------|------------------------|-------------|--------------|---------|----------------|
| ISS-PT | C | 1 | 2 | | | | | 2 | 9 | 1 | ISSUE PT. *** |
| OH-AA | P | 3 | 2 | | | | | 4 | 5 | 1 | OH-AA *** |
| FRZDTE | P | 24 | 3 | | | | | 7 | 10 | 1 | FREEZE DTE *** |

Figure 4 (3 of 3)

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DETAILED GLOSSARY BY LOCATION FIRM
FILE DEFINITION - CONSIST

REC'DIRI FIRMAT = FIXED BLOCKED
REC'DIRI SIZE = 40
BLOCK SIZE = 4000

FILE IDENTIFICATION =
NUMBER OF SEGMENTS IN FILE = 1
NUMBER OF FIELDS IN FILE = 6

* SECURITY 1, LEVEL 1 *

SEGMENT OCCURS N TIMES = 1
SEGMENT SIZE = 30
NUMBER OF FIELDS IN SEGMENT = 6

KEY FIELD 1 = REC-KEY TYPE = C LENGTH = 16

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEC PLACES | CNT FLD | EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|----------------|--------------|--------------|------------|---------|-------------|-------------|--------------|---------|----------------|
| PROJ-NO | C | 1 | 3 | | | | () () () | 3 | 7 | 1 | PROJ NO |
| REC-KEY | C | 1 | 16 | | | | | 16 | 16 | 1 | REC-KEY |
| NSN | C | 4 | 13 | | | | | 13 | 13 | 1 | NSN |
| ID-NO | C | 17 | 6 | | | | | 6 | 6 | 1 | ID NO |
| QIL-OTY | Z | 23 | 8 | | | | | 11 | 11 | 1 | QIL OTY |
| NO-OTY | Z | 31 | 8 | | | | | 11 | 11 | 1 | NO OTY |

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DETAILED GLOSSARY BY LOCATION FOR
FILE DEFINITION - EMB-100F

RECORD FORMAT - FIXED BLOCKED
RECORD SIZE - 90
BLOCK SIZE - 900

FILE IDENTIFICATION -
NUMBER OF SEGMENTS IN FILE - 1
NUMBER OF FIELDS IN FILE - 15

* SEGMENT 1, LEVEL 1 *

KEY FIELD 1 - PNSN TYPE - C LENGTH - 13
KEY FIELD 2 - ID-NSN TYPE - C LENGTH - 6

SEGMENT OCCURS N TIMES - 1
SEGMENT SIZE - 90
NUMBER OF FIELDS IN SEGMENT - 15

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEL PLACES | DEL | CUT | FIELD EDIT CODES | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING | *** |
|------------|------------|----------------|--------------|--------------|------------|-----|-----|------------------|-------------|--------------|---------|------------------|-----|
| PART-NSN | C | 1 | 13 | | | | | | 13 | 13 | 1 | *** ERI PART | *** |
| | | | | | | | | | | | 2 | *** NSN | *** |
| PARTOVAL | C | 14 | 1 | | | | | | 1 | 11 | 1 | *** (N) NSN | *** |
| | | | | | | | | | | | 2 | *** (X) NSN-NSN | *** |
| PARTOTY | Z | 15 | 8 | | | | | | 11 | 12 | 1 | *** INT. PRT OTY | *** |
| ADJ-OTY | Z | 15 | 8 | | 2 | | | | 11 | 11 | 1 | *** ADJ. OTY | *** |
| NR-RS | C | 23 | 1 | | | | | | 1 | 4 | 1 | *** NR-RS | *** |
| DATEDIFF | Z | 24 | 4 | | | | | | 6 | 9 | 1 | *** DATE DIFF | *** |
| ERI | C | 28 | 5 | | | | | | 5 | 5 | 1 | *** ERI | *** |
| ID-NSN | C | 33 | 6 | | | | | | 6 | 6 | 1 | *** ID NSN | *** |
| *SER-NO | C | 39 | 10 | | | | | | 10 | 10 | 1 | *** SER NO. | *** |

ANNEX I

ANNEX I

DETAILED GLOSSARY BY LOCATION FOR FILE DEFINITION - LHO-50MF SEGMENT 1, LEVEL 1 (CONTINUED)

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PAGE 2

| FILE NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEC PLACES | CNT FIELD FOR SGM | EDIT CODES () () () | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING | *** |
|-----------|------------|----------------|--------------|--------------|------------|-------------------|------------------------|-------------|--------------|---------|----------------------|-----|
| QTY | Z | 49 | 2 | | | | | 3 | 7 | 1 | *** ERM QTY | *** |
| PMN | C | 51 | 13 | | | | | 13 | 13 | 1 | *** PREFERRED | *** |
| | | | | | | | | | | 2 | *** NSN | *** |
| ERM-TYPE | C | 64 | 2 | | | | | 2 | 15 | 1 | *** (EE) ENDITM ERM | *** |
| | | | | | | | | | | 2 | *** (SE) SECHEP ERM | *** |
| U/P | P | 66 | 5 | | | 2 | (S) () () | 13 | 13 | 1 | *** UNIT PRICE | *** |
| | | | | | | | | | | 2 | *** OF PREF, NSN | *** |
| CODE | C | 71 | 1 | | | | | 1 | 14 | 1 | *** (C) CONSUMABLE | *** |
| | | | | | | | | | | 2 | *** (R) REPAIRABLE | *** |
| NUMEN | C | 72 | 19 | | | | | 19 | 19 | 1 | *** NSN NOMENCLATURE | *** |

ANNEX I

JUN 25, 1980
PAGE 1

DETAILED GLOSSARY BY LOCATION FOR FILE DEFINITION - EXPDONS

RECORD FORMAT - FIXED BLOCKED
RECORD SIZE - 103
BLOCK SIZE - 5150

FILE IDENTIFICATION -
NUMBER OF SEGMENTS IN FILE - 1
NUMBER OF FIELDS IN FILE - 14

* SEGMENT 1, LEVEL 1 *

KEY FIELD 1 = ID-NI TYPE = C. LENGTH = 6
KEY FIELD 2 = NSN TYPE = C. LENGTH = 13

SEGMENT OCCURS IN TIMES = 1
SEGMENT SIZE = 103
NUMBER OF FIELDS IN SEGMENT = 14

| FIELD NAME | FIELD TYPE | FIELD LOCATION | FIELD LENGTH | FIELD RNDING | DEC PLACES | CHT FIELD FOR SCMT | EDIT CODES () () () | EDIT LENGTH | OUTPUT WIDTH | LINE NO | COLUMN HEADING |
|------------|------------|----------------|--------------|--------------|------------|--------------------|------------------------|-------------|--------------|---------|----------------------------|
| ID-NI | C | 1 | 6 | | | | | 6 | 6 | 1 | ID NI. |
| NSN | C | 7 | 13 | | | | | 13 | 13 | 1 | ORIG. PROVIDED NSN |
| GAB/MEB | C | 20 | 1 | | | | | 1 | 8 | 1 | (G) GABF (M) MEBF |
| GUL-OTY | Z | 21 | 8 | | | | | 11 | 11 | 1 | OTY |
| MI-OTY | Z | 29 | 8 | | | | | 11 | 11 | 1 | M/OTY |
| UNIT-PRC | Z | 37 | 12 | | 2 | | (S) () () | 17 | 17 | 1 | UNIT PRICE (ORIG. NSN) |
| ROYALW | Z | 49 | 10 | | | | | 14 | 14 | 1 | REQ OBJ / FLOAT ALLUM. |
| OST | Z | 59 | 5 | | | | | 7 | 15 | 1 | ORDER SHIP TIME (GABF/MEB) |

Figure 7 (1 of 2)

ANNEX I

JUN 25, 1980
PAGE 2

DETAILED GLOSSARY BY LOCATION FOR FILE DEFINITION - EXPENDITURES SEGMENT 1, LEVEL 1 (CONTINUED)

| FIELD
NAME | FIELD
TYPE | FIELD
LOCATION | FIELD
LENGTH | FIELD
INDIC | DEL
PLACES | CNT
FIELD | EDIT
CODES | EDIT
LENGTH | OUTPUT
WIDTH | LINE
NO | COLUMN
HEADING | *** |
|---------------|---------------|-------------------|-----------------|----------------|---------------|--------------|---------------|----------------|-----------------|------------|-------------------|-----|
| PNSN | C | 64 | 10 | | | | | 13 | 13 | 1 | CURRENT | *** |
| | | | | | | | | | | 2 | PREFERRED | *** |
| | | | | | | | | | | 3 | NSN | *** |
| CEC | C | 77 | 1 | | | | | 1 | 11 | 1 | CNTICALITY | *** |
| | | | | | | | | | | 2 | CODE | *** |
| FLLR | C | 78 | 1 | | | | | 1 | 1 | | | |
| U/P | P | 79 | 5 | | | | (S) () () | 13 | 13 | 1 | UNIT PRICE | *** |
| | | | | | | | | | | 2 | (PREF. NSN) | *** |
| CIDE | C | 84 | 1 | | | | | 1 | 8 | 1 | (C) CINS | *** |
| | | | | | | | | | | 2 | (R) RPRL | *** |
| NMEN | C | 85 | 19 | | | | | 19 | 19 | 1 | MINENCLATURE | *** |

Figure 7 (2 of 2)

APPENDIX 2, ANNEX I

MARK IV TABLES

This Appendix contains the constructs of the two MARK IV lookup tables used in the MOE factor computation processing. Descriptions with respect to the use of these tables is contained in the processing discussion of Annex H.

MARK IV TABLES

| | |
|----------|----------|
| Figure 1 | PROV-ID |
| Figure 2 | III-FCTR |

ANNEX I

PAGE 1

TABLE PHIV-ID

JUN 25, 1980

| TABLE DESCRIPTION
.....
TYPE - BINARY
ENTRY COUNT - 45 | ARGUMENT
.....
DATA TYPE - CHARACTER
LENGTH - 13 | DESCRIPTION
.....
DATA TYPE - CHARACTER
LENGTH - 90 | RESULT DESCRIPTION
.....
DATA TYPE - CHARACTER
LENGTH - 90 |
|---|---|---|---|
| (026260 |) | (IMPROVED IAWA (CING & DEPS)
IN SERVICE DATE: 17 APR 78 |) |
| (04416A |) | (RADIAC SET AN/PDR-63
IN SERVICE DATE: NOT ON LIST |) |
| (06533B |) | (COMMUNICATIONS CENTRAL AN/ICC-36V
IN SERVICE DATE: NONE |) |
| (06824A |) | (TRANSMITTER SET AN/UPH-32
IN SERVICE DATE: 7 SEP 78 |) |
| (06H26B |) | (
IN SERVICE DATE: NONE |) |
| (06R26B |) | (RADIO SET AN/PNC-75A
IN SERVICE DATE: NONE |) |
| (07115B |) | (FIPS-14 MODIF KIT F/AN-TYC-5A (DEPS)
IN SERVICE DATE: NOT ON LIST |) |
| (07119B |) | (TRACTOR, FULL TRACKED, LOW SPEED, MC450
IN SERVICE DATE: MAY 78 |) |
| (07459A |) | (ECPS F/TEST SET AN/ISA-120 (DRACIN)
IN SERVICE DATE: NOT ON LIST |) |
| (07475A |) | (RECEIVING SET, RADIO AN/UHR-70
IN SERVICE DATE: 18 AUG 78 |) |
| (07476A |) | (RECEIVING SET, RADIO AN/UHR-71
IN SERVICE DATE: 18 AUG 78 |) |
| (07477A |) | (REORDER-REPRODUCER AN/PNH-7
IN SERVICE DATE: 18 AUG 78 |) |

ANNEX I

PAGE 2

TABLE PIRIV-10

JUN 24, 1940

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|--|
| (07500A) | (DUMMY LOAD, LLC 100K
IN SERVICE DATE: NONE) |
| (07510H) | (CENTRAL OFFICE TELE. AND LINE
IN SERVICE DATE: NONE) |
| (07530A) | (GENERATOR SET MED-600A
IN SERVICE DATE: 6 MAY 79) |
| (07570A) | (AIR CONDITIONER, 9000 BTU
IN SERVICE DATE: 14 MAY 79) |
| (07580A) | (RADAR SET AN/PFS-15 (V2)
IN SERVICE DATE: NONE) |
| (07610A) | (PAGE PRINTER SET SHD/HCV AN/UCC-52
IN SERVICE DATE: NONE) |
| (07623A) | (DISTRIB-TRANSMITTER SET (TELETYPE)
IN SERVICE DATE: 1 MAY 78) |
| (07628A) | (AIR CONDITIONER, 40,000 BTU, MAC 6V-5450-11
IN SERVICE DATE: NOT ON LIST) |
| (07630M) | (RETRIEF KIT F/AN/UPN-137A
IN SERVICE DATE: 12 FEB 77) |
| (07632A) | (TELEPRINTER 11-572/HG
IN SERVICE DATE: 1 MAY 78) |
| (07641A) | (FIRE EXTING. TWIN AGENT
IN SERVICE DATE: NONE) |
| (07664A) | (AIR CONDITIONER, 18000 BTU, A/E-32C-17
IN SERVICE DATE: 11 APR 78) |
| (07665A) | (TWIN KIT, ELEX
IN SERVICE DATE: 30 OCT 77) |
| (07666A) | (AIR CONDITIONER 9000 BTU
IN SERVICE DATE: 9 DEC 78) |
| (07672A) | (SEARCHLIGHT, AN/VSS-3A
IN SERVICE DATE: 30 JUN 77) |

PAGE 3

TABLE PMIV-111

JUN 25, 1980

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|---|
| 07767A | 1, TEST SET, R.F. POWER AM/PMW-33
IN SERVICE DATE: 10 MAY 77 |
| 07769A | 1, (FREQ CONVERTER, CV-3231/U)
IN SERVICE DATE: 20 JUL 79 |
| 07769A | 1, (TELETYPE, COMM UNIT C-7050/G)
IN SERVICE DATE: 1 MAY 78 |
| 07769A | 1, (SYNCH, INTERFACE SN-406/IVC-SA(IV))
IN SERVICE DATE: 1 MAY 78 |
| 07771A | 1, (HELIPORT LIGHTING SYS)
IN SERVICE DATE: 30 APR 78 |
| 07771A | 1, (CONVERTER, CV-2097(IV)/FGC)
IN SERVICE DATE: 1 MAY 78 |
| 07771A | 1, (POWER SUPPLY PP-8062/G)
IN SERVICE DATE: 1 MAY 78 |
| 07771A | 1, (CONVERTER, CV-2757/CGC)
IN SERVICE DATE: 1 MAY 78 |
| 07772A | 1, (R.F. MIXTURE SET AM/US)-46A
IN SERVICE DATE: 5 APR 78 |
| 07772A | 1, (RECORDER SET, SIGNAL DATA RD-376A/USO)
IN SERVICE DATE: 9 JAN 79 |
| 07772A | 1, (POWER SUPPLY, DP-43/USO-46)
IN SERVICE DATE: NONE |
| 07772A | 1, (TEST SET, GRUIT, RADIO 075-60/USO-46)
IN SERVICE DATE: 5 APR 78 |
| 07784A | 1, (TRUCK, GUIDED MISSILE CARRIER)
IN SERVICE DATE: 26 MAY 76 |
| 07803A | 1, (TRUCK, GUIDED MISSILE CARRIER M/M2)
IN SERVICE DATE: NONE |
| 07862A | 1, (SEMI-TRAILER, LOW BED 40 TON-MB70)
IN SERVICE DATE: 14 APR 79 |

ANNEX I

| JUN 24, 1980 | TABLE PMSV-10 | PAGE 4 |
|------------------|--|--------|
| AMOUNT
VALUES | RESULT
VALUES | |
| 107064A |) (TRUCK, CAMO, MIMO, 1 1/4 TON
IN SERVICE DATE: 2 DEC 78) | |
| 107065A |) (TRUCK, AMBULANCE 1 1/2 TON, MIMO
IN SERVICE DATE: 27 DEC 78) | |
| 107073A |) (CYM TECH CONTINL CENTER, AN/ISO-84
IN SERVICE DATE: 25 APR 79.) | |

Figure 1 (4 of 4)

TABLE III-FCTR

JUN 75, 1980

TABLE DESCRIPTION ARGUMENT DESCRIPTION RESULT DESCRIPTION
 TYPE = BINARY DATA TYPE = CHARACTER DATA TYPE = CHARACTER
 LENGTH = 50 LENGTH = 13 LENGTH = 20

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|------------------|
| (2510001769146) | (07804A 0.0029) |
| (25300101016R2) | (07804A 1.333) |
| (25100101010157) | (07804A 1.0) |
| (2075010133207) | (07804A 0.625) |
| (2910002016320) | (0.0) |
| (2910002266545) | (0.0) |
| (2020004910134) | (071189 0.0455) |
| (2020002039534) | (0.0) |
| (2020000002483) | (07784A 0.0058) |
| (2020010035445) | (07865A 2.937) |
| (2020011122380) | (07865A 2.0) |
| (2020010010224) | (07864A 0.0266) |
| (4015005010270) | (07450A 2.0) |
| (4015005230280) | (07450A 2.0) |
| (4015005230282) | (07450A 1.0) |
| (4015005030159) | (07450A 0.5) |
| (4015005030361) | (07450A 0.4) |
| (4015005055216) | (07450A 1.0) |
| (4015005055217) | (07450A 1.0) |

TABLE III-FCIR

JUN 27, 1990

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|------------------|
| 142350050552201 | 107459A 3.0) |
| 149350050552261 | 107459A 1.0.) |
| 142350023111081 | 107459A 0.1818) |
| 149350104104721 | 107459A 2.0) |
| 149350104760111 | 107459A 1.0) |
| 1493501041135261 | 107459A 1.0) |
| 158050011144951 | 107516B 16.0) |
| 158050012057121 | 107516B 3.0) |
| 158050011726551 | 107516B 0.5) |
| 158050020103001 | 107115B 0.1666) |
| 158050102594241 | 107516B 1.0) |
| 158150026325041 | 107115B 1.5) |
| 158150033560821 | 107115B 2.0) |
| 158150102009061 | 107115B 0.5) |
| 158150041502511 | 107115B 6.5) |
| 158150005734271 | 107115B 3.0) |
| 158200045367031 | 106828B 0.625) |
| 158200045626591 | 106828B 0.666) |
| 158200048130911 | 106828B 0.2632) |
| 158200101428821 | 106828B 0.25) |
| 158550018960651 | 107672A 0.333) |
| 158550018963661 | 107672A 0.4666) |

TABLE 111-FC111

JUN 25, 1980

| ARGUMENT
VALUES | RESULT
VALUES |
|--------------------|------------------|
| (5095003237000) | (071158 0.646) |
| (5095003237006) | (071158 1.0) |
| (5095004150452) | (071158 6.0) |
| (510250152105713) | (071158 1.6) |
| (51095105089657) | (0.0) |
| (6110002014015) | (07536A 2.0) |
| (6110004755403) | (06828B 4.0) |
| (6130010032982) | (07459A 1.0) |
| (7440001157123) | (071158 3.0) |

Appendix 3, ANNEX I

SOURCE LISTINGS

This Appendix contains the source listing of each of the programs used in the MOE factor computation process. The programs are written in the MARK IV retrieval language and also use IBM 360 Job Control Language and IBM 360 utilities. A brief description of the function of each program is contained in the program header. Comments have also been included throughout the listings to highlight various steps. A more complete description is contained in the processing discussion of Annex H.

SOURCE LISTINGS

| <u>FIGURE</u> | <u>PROGRAM NAME</u> | <u>PROCESSING PHASE</u> |
|---------------|---------------------|----------------------------|
| 1 | EXP-CONS | Expanded Consolidated List |
| 2 | FACTOR -1 | Secrep Factor Computations |
| 3 | EROSUB-1 | ERO Subfile Creation |
| 4 | EROSUB-2 | ERO Subfile Creation |
| 5 | EROSUB-X | ERO Subfile Creation |
| 6 | R-CONS | Report Generation |
| 7 | R-CONS2 | Report Generation |
| 8 | R-MOE2 | Report Generation |
| 9 | R-MOE34A | Report Generation |
| 10 | R-MOE34B | Report Generation |
| 11 | R-MOE34C | Report Generation |
| 12 | R-MOE1 | Report Generation |
| 13 | R-ERO | Report Generation |

```

*TAPE=3
//14524012 JOB (661R,LMP3,202,10), '41777 CHADWICK', TIME=20
//ROUTE PRINT LOCAL
//*****
//*
//* * * * PGM. EXP-CONS * * *
//*
//* THIS PROGRAM EXPANDS THE ID NO, NSN, GCL QTY AND M/D QTY
//* DATA (MANUALLY KEYED INTO THE FILE ...CONSLIST(2)) AGGREGATING
//* EACH QTY OVER ALL PROJECTS PERTAINING TO EACH ID NUMBER. IN
//* ORDER TO COMPARE QUANTITIES AGAINST THE MIMS EPD FILE, THE
//*
//* PREFERRED NSN IS AMENDED TO THE FILE AS WELL AS UNIT PRICE,
//* COMBAT ESSENTIALITY CODES, WHETHER THE NSN IS A CONSUMABLE OF
//* A REPAIRABLE AND ALSO THE NSN'S NOMENCLATURE.
//*
//*
//* INPUT FILES: 1. DSN=HQMCI.LMIS.CHADWIK.CONSLIST(0)
//* FD: CONSLIST
//*
//* 2. DSN=HQMCI.LMIS.CHADWIK.MHIF
//* FD: MHIFSAS
//*
//* 3. DSN=HQMCI.LMIS.CHADWIK.GABF
//* FD: GABFSASS
//*
//* 4. DSN=HQMCI.LMIS.CHADWIK.MFBF
//* FD: MFBFSASS
//*
//* OUTPUT FILES: 1. DSN=HQMCI.LPS2.14524.CONSLI
//*
//*****
//STP1 EXEC PGM=IERRCOPR, REGION=150K
//SORTLIB DD DSN=SYS1.SORTLIB, DISP=SHR
//SORTIN DD DSN=HQMCI.LMIS.CHADWIK.CONSLIST(0), DISP=SHR
//SORTWK01 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN)), SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN, SORTWK01)),
// SEP=(SORTIN, SORTWK01)
//SORTWK03 DD SPACE=(TRK,50), SEP=(SORTIN, SORTWK01, SORTWK02),
// UNIT=(SYSDA, SEP=(SORTIN, SORTWK01, SORTWK02))
//SORTOUT DD DSN=HQMCI.LPS2.14524.SORTCONS,
// DISP=(, PASS, DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB, LRECL=40, BLKSIZE=4000),
// SPACE=(4000, (70, 20), RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//* SORTS BY ID NO. AND THEN BY NSN
//SYSIN DD *
// SORT FIELDS=(17,6,CH,A, 4, 13,CH,A)
//
//STP2 EXEC MARKIV, DEPT=USER
//EXT.F40LD DD DSN=HQMCI.LPS2.14524.SORTCONS, DISP=OLI
//EXT.M4SUBF1 DD DSN=HQMCI.LPS2.14524.CONSLI,
// DISP=(, PASS, DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB, LRECL=100, BLKSIZE=5100),
// SPACE=(5100, (100, 20), RLSE)
//EXT.M4INPUT DD *

```

Figure 1 (1 of 6)

```

STP2      RCOONSLISTS U   S   #
STP2      RCOONSL      SM4SUBFI
STP2      AA      *****
STP2      AA
STP2      AA      THIS STEP 1)  AGGREGATES QTY'S FOR DUPLICATE II/NSH PAIRS
STP2      AA      2)  EXPANDES RECORD LENGTH TO 103.
STP2      AA      *****
ID-CONS   ERTODAY
ID-CONS   PR      ID-NO      EQTLASTID
ID-CONS   PR      A NSH      EQTLASTNSH
ID-CONS   PR      NS 100
ID-CONS   PR      TTGTGOL    + GOL-QTY      TTGTGOL
ID-CONS   PR      TTGTMO     + MO-QTY      TTGTMO
ID-CONS   PR      GO END
ID-CONS   PR100  TLASTNSH  NEC
ID-CONS   PR110      NS 130
ID-CONS   PR120      GO SUB CONSRCD
ID-CONS   PR130      R NSH      TLASTNSH
ID-CONS   PR140      R ID-NO      TLASTID
ID-CONS   PR150      R GOL-QTY    TTGTGOL
ID-CONS   PR160      R MO-QTY     TTGTMO
ID-CONS   PR170      GO END
ID-CONS   TFLASTID      6      LASTID
ID-CONS   TFLASTNSH    13      LASTNSH
ID-CONS   TFTGTGOL     32      TOTAL
ID-CONS   TFTGTMO     32      TOTAL
ID-CONS   TFGAB/MFB    1      G      G/M
ID-CONS   TFFLLR      67
CONSRCDIERTODAY
CONSRCDI1
CONSRCDI1      TLASTID      1-1
CONSRCDI1      TLASTNSH     2
CONSRCDI1      TFGAB/MFB    -
CONSRCDI1      TTGTGOL
CONSRCDI1      TTGTMO
CONSRCDI1      TFFLLR
/*
//STP3 EXEC PGM=IERRC006,REGION=150K
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
//SORTIN DD DSN=HQMCI.LP52.14524.CONSWK,
//      DISP=OLD
//SORTWK01 DD SPACE=(TRK,50),UNIT=(CYSDA,SEP=(SORTIN)),SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50),UNIT=(CYSDA,SEP=(SORTIN,SORTWK01)),
//      SEP=(SORTIN,SORTWK01)
//SORTWK03 DD SPACE=(TRK,50),SEP=(SORTIN,SORTWK01,SORTWK02),
//      UNIT=(CYSDA,SEP=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD DSN=HQMCI.LP52.14524.CONSWK1,
//      DISP=(,PASS,DELETE),
//      UNIT=CYSDA,
//      DCE=(RECFM=FB,LRECL=103,BLKSIZE=5150),
//      SPACE=(5150,(150,20),RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
/*  SORTS BY NSH
//SYSIN DD *
      SORT FIELDS=(7,12,CH,A)
/*
//STP4 EXEC PGM=IV,IEFT=USER

```

Figure 1 (2 of 6)

```

//EXT. MACCLD TO PSN=HOMC1 THIS COUNCIL MHIF. DISP=OLD
//EXT. MACORD1 ID ISN=HOMC1.LPSE.14524.CONSWK1, DISP=OLD ANNEX I
//EXT. MACSUBF1 ID ISN=HOMC1.LPSE.14524.CONSWK2,
//      DISP=(PASS,DELETE),
//      UNIT=SYSDA,
//      ICB=(RECFM=F6, LRECL=103, BLKSIZE=5150),
//      SPACE=(5150, (150,20),RLSE)
//EXT. MACINPUT ID *
STP4   RCMHIFERS S E S 8
STP4   RFEXFDCONSGR4CORD1 NSN U
STP4   RFCONSWK2 SM4SUBF1
STP4   AA *****
STP4   AA
STP4   AA THIS STEP: PROVIDES PREFERRED NSN'S,
STP4   AA UNIT PRICES,
STP4   AA CBT ESSENTIALITY CODES,
STP4   AA CONSUM/REPAIRABLE,
STP4   AA NOMENCLATURE DATA FROM MHIF.
STP4   AA *****
MHIF   ERTODAY Y
MHIF   PR RECORD EQCL 1 1
MHIF   PR NS 500
MHIF   PR R INSN TPREF-NSN
MHIF   PR GO OUTPUT
MHIF   PR500 RECORD EQCM 1 1
MHIF   PR510 R PMSN TPREF-NSN 1130
MHIF   PR520 R NOKEN THOKEN
MHIF   PR525 R CEC TCEC
MHIF   PR530 U/P * D1 TUNIT-PRC
MHIF   PR535 U/P * D1 TU/P
MHIF   AA
MHIF   AA A RECOVERABILITY CODE OF D,F,H OR L INDICATES THE NSN IS A
MHIF   AA REPAIRABLE, ELSE IT IS ASSUMED A CONSUMABLE.
MHIF   AA
MHIF   PR540 RECOVCODEBCD
MHIF   PR550 RECOVCODEBCF
MHIF   PR560 RECOVCODEBCH
MHIF   PR570 RECOVCODEBCL
MHIF   PR580 NS OUTPUT
MHIF   PR590 R CR TCODE
MHIF   PR600 GO OUTPUT
MHIF   TFUNIT-PRC 1222 0
MHIF   TPREF-NSN 130
MHIF   TFCODE 10 C CONS/RPRL
MHIF   TFOKEN 130 NOT IN MHIF
MHIF   TCEC 10
MHIF   TFELE 10
MHIF   TFU/P SP2
MHIF   E1 NR CONSWK2 50F
MHIF   R1 1IP-NO
MHIF   R1 INSN
MHIF   R1 IGAB/NFE
MHIF   R1 IGCL-QTY
MHIF   R1 IKG-QTY
MHIF   R1 TUNIT-PRC
MHIF   R1 IRC/ALW
MHIF   R1 IOST
MHIF   R1 TPREF-NSN
MHIF   R1 TCEC

```

Figure 1 (3 of 6)

```

MHIF      R1      TFLLR                      ANNEX I
MHIF      R1      TU/P
MHIF      R1      TCODE
MHIF      R1      THOMEN
/*
//STP5 EXEC PGM=IEFRCOB,REGION=152K
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
//SORTIN DD ISN=HSMC1.LP32.14524.CONSWK2,DISP=OLD
//SORTWK01 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN)),SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN,SORTWK01)),
//          SEP=(SORTIN,SORTWK01)
//SORTWK03 DD SPACE=(TRK,50),SEP=(SORTIN,SORTWK01,SORTWK02),
//          UNIT=(SYSDA,SEP=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD DSN=HSMC1.LP32.14524.CONSWK3,
//          DISP=(,PASS,DELETE),
//          UNIT=SYSDA,
//          DCB=(RECFM=FB,LRECL=103,BLKSIZE=5150),
//          SPACE=(5150,(150,20),RLSE)
//SYSPRINT IT SYSOUT=A
//SYSOUT DD SYSOUT=A
/* * SORTS BY PREFERRED HSN AND THEN BY ID NO.
//SYSIN DD *
    SORT FIELDS=(64,13,CH,A,1,6,CH,A)
/*
//STP6 EXEC MARKIV,DEPT=USER
//EXT.M4OLD DD DSN=HSMC1.LMIS.CHADWIK.GARF,DISP=OLD
//EXT.M4CORR1 DD ISN=HSMC1.LP32.14524.CONSWK3,DISP=OLD
//EXT.M4SUBF1 DD ISN=HSMC1.LP32.14524.CONSWK4,
//          DISP=(,PASS,DELETE),
//          UNIT=SYSDA,
//          DCB=(RECFM=FB,LRECL=103,BLKSIZE=5150),
//          SPACE=(5150,(150,20),RLSE)
//EXT.M4INPUT DD *
STP6      R00ABFSA999 E   S   *
STP6      RFEXPCONS5H4CORR1 PHSN                                U
STP6      RFCONSWK4 SM4SUBF1
STP6      AA *****
STP6      AA
STP6      AA EXPANDS CONSLIST TO INCLUDE DATA FROM GARF:  UNIT PRICE
STP6      AA ORDER SHIP TH
STP6      AA RO
STP6      AA
STP6      AA *****
EXP-CONSER TODAY Y
EXP-CONSER RECORD EQCL 1 1
EXP-CONSER NS 100
EXP-CONSER GO OUTPUT
EXP-CONSER100 RECORD EQCM 1 1
EXP-CONSER110 NS END
EXP-CONSER120 U/P * D1 TUNIT-PRC
EXP-CONSER130 RC * D1 TRO/ALW
EXP-CONSER140 R CG TGAB/MFB
EXP-CONSER150 DAYRECEP/ NO1STREC TOST
EXP-CONSTFUNIT=PRC 1222 UNIT PRICE
EXP-CONSTFAC/ALV 100 RO
EXP-CONSTFAC/MFB 10 GARF MFBF
EXP-CONSTFOST 52
EXP-CONSER1 NR CONSWK4 SEP
EXP-CONSER1 IIP-NO

```

Figure 1 (4 of 6)


```

EXP-CONSR1      1NCH
EXP-CONSR1      TGAB/MFB
EXP-CONSR1      1GCL-QTY
EXP-CONSR1      1MC-QTY
EXP-CONSR1      TUNIT-PRC
EXP-CONSR1      TRD/ALV
EXP-CONSR1      TOST
EXP-CONSR1      1PNSN
EXP-CONSR1      1CEC
EXP-CONSR1      1FLLR
EXP-CONSR1      1U/P
EXP-CONSR1      1CDE
EXP-CONSR1      1NCHEN
/*
//STP7 EXEC PGM=IEHPRGM,REGION=40K
//SYSPRINT DD SYSOUT=A
//DD1 DD UNIT=SYSIA,VOL=SER=SHRCAT,DISP=SHR
//SYSIN DD *
      UNCATLG PSNAME=HQMCI.LPS2.14524.CONSI1
/*
//STP8 EXEC MARKIV,DEFT=USER
//EXT.M4OLD DD DSN=HQMCI.LMIS.CHADWIK.MFBF,DISP=OLD
//EXT.M4CONR1 DD DSN=HQMCI.LPS2.14524.CONSRK4,DISP=OLD
//EXT.M4SUBF1 DD DSN=HQMCI.LPS2.14524.CONSI1,
//      DISP=(,CATLG,DELETE),
//      UNIT=2400-3,
//      IOB=(RECFM=FB,LRECL=103,BLKSIZE=5150)
//EXT.M4INPUT DD *
STP7      RCMFEE-SUES E      S      #
STP7      RFEXFDCONSRM4CONR1 PNSN
STP7      RFMFEFCONSRM4SUBF1
STP7      AA      *****
STP7      AA
STP7      AA      EXPANDED .CONSLIST WITH DATA FROM MFBF:  UNIT PRICE
STP7      AA
STP7      AA      TOTAL ALLOWANCE
STP7      AA      ORDER SHIP TIME
STP7      AA      *****
MFB-CONSRTOIAY
MFB-CONSPR      RECORD      EQCL
MFB-CONSPR      NS 500
MFB-CONSPR      R 1GAB/MFB
MFB-CONSPR      R 1UNIT-PRC
MFB-CONSPR      R 1RD/ALV
MFB-CONSPR      R 1OST
MFB-CONSPR      GO OUTPUT
MFB-CONSPR500 RECORD      EQCM
MFB-CONSPR510 R CM
MFB-CONSPR520 U/P      * D1
MFB-CONSPR530 TOT-ALV * D1
MFB-CONSPR540 GST      * D1
MFB-CONSTF0AB/MFB 10
MFB-CONSTFUNIT-PRC 1222
MFB-CONSTFRC/ALV 102
MFB-CONSTFOST 52
MFB-CONSE1
MFB-CONSR1      111-ND
MFB-CONSR1      1NCH
MFB-CONSR1      TGAB/MFB

```

ANNEX I

Figure 1 (5 of 6)

ANNEX 1

| | | |
|------------|---|-----|
| MFE-CONSP1 | 1GCL-QTY | |
| MFB-CONSR1 | 1MC-QTY | |
| MFE-CONSR1 | TUNIT-PRC | |
| MFE-CONSR1 | TRC/ALV | |
| MFE-CONSR1 | TOST | |
| MFE-CONSR1 | 1PNEN | |
| MFB-CONSR1 | 1CEC | |
| MFB-CONSR1 | 1FLLR | |
| MFB-CONSR1 | 1U/P | |
| MFB-CONSR1 | 1CODE | |
| MFB-CONSR1 | 1NCMEN | |
| MFE-CONSR2 | | |
| MFB-CONSR2 | 11B-NO | 1 1 |
| MFB-CONSR2 | 1NEN | 2 |
| MFB-CONSR2 | 1NCMEN | |
| MFB-CONSR2 | 1CODE | |
| MFB-CONSR2 | TGAB/MFE | |
| MFB-CONSR2 | 1GCL-QTY | |
| MFB-CONSR2 | 1MC-QTY | |
| MFB-CONSR2 | TUNIT-PRC | |
| MFB-CONSR2 | TRC/ALV | |
| MFB-CONST2 | CHECK OF HQMC1.LPS2.14524.CONSI11 | |
| MFB-CONST2 | AFTER CORING AGAINST: MHIF / GABF / MFBFF | |
| /* | | |

```

//TAPE=2
//1452402 JCE (661F.LMP3.200.20), '41777 CHADWICK', TIME=10 ANNEX I
//ROUTE PRINT LOCAL
//*****
// *
// * * * PGM: FACTOR-1 * * *
// *
// * THIS PROGRAM IS USED IN DETERMINED THE NUMBER OF SECREF
// * REMOVAL AND REPLACEMENTS CONDUCTED (BY NSN/BY END ITEM).
// * INITIALLY THIS PGM IS EXECUTED WITH ONLY AN END ITEM SELECTION
// * LIST. AS SECREF NSN'S ARE IDENTIFIED, THE PGM IS ITERATIVELY
// * RUN INCLUDING THE NEW SECREF NSN LIST. THE REPORT PRODUCED
// * PROVIDES:
// *
// * 1. THE NUMBER OF REPAIRS (EROS) FOR EACH END ITEM
// * AND SECREF
// *
// * 2. THE NUMBER OF SECREF REMOVALS FOR EACH SECREF NSN
// * FROM EACH END ITEM
// *
// * INPUT FILES: 1. DSN=HQMC1.LMIS.CHADWIK.HISTORY
// * FD: PROV-SDY
// *
// * OUTPUT FILES: NONE
// *
//*****
//STP1 EXEC MARKIV,DEPT=USER
//EXT.M4OLD DD DSN=HQMC1.LMIS.CHADWIK.HISTORY,DISP=OLD
//EXT.M4INPUT DD *
SIPI RCPGV-SDYS U S
SEC-REFSERTODAY
SEC-REPSAA
SEC-REPSAA THIS SECTION SELECTS EROS OPENED UP ON END ITEM IDS
SEC-REPSAA
SEC-REPSPR II-NO EQC07784A
SEC-REPSPR II-NO EQC07838A
SEC-REPSPR II-NO EQC07664A
SEC-REPSPR II-NO EQC07118E
SEC-REPSPR II-NO EQC07625A
SEC-REPSPR II-NO EQC07459A
SEC-REPSPR II-NO EQC07638X
SEC-REPSPR II-NO EQC02626E
SEC-REPSPR II-NO EQC06416A
SEC-REPSPR II-NO EQC06824A
SEC-REPSPR II-NO EQC06828E
SEC-REPSPR II-NO EQC07475A
SEC-REPSPR II-NO EQC07476A
SEC-REPSPR II-NO EQC07477A
SEC-REPSPR II-NO EQC07528A
SEC-REPSPR II-NO EQC07536A
SEC-REPSPR II-NO EQC07575A
SEC-REPSPR II-NO EQC07521A
SEC-REPSPR II-NO EQC07623A
SEC-REPSPR II-NO EQC07632A
SEC-REPSPR II-NO EQC07661A
SEC-REPSPR II-NO EQC07665A
SEC-REPSPR II-NO EQC07666A
SEC-REPSPR II-NO EQC07673A

```

Figure 2(1 of 2)

ANNEX 1

```

SEC-PEPSPR      II-NO      EQC076754
SEC-PEPSPR      II-NO      EQC076744
SEC-PEPSPR      II-NO      EQC076754
SEC-PEPSPR      II-NO      EQC077114
SEC-PEPSPR      II-NO      EQC077164
SEC-PEPSPR      II-NO      EQC077174
SEC-PEPSPR      NS 100
SEC-PEPSPR      R CENT-ITM
SEC-PEPSPR      GO 500
SEC-REPSAA
SEC-REPSAA      THIS SECTION SELECTS ERCS OPENED UP ON SECREF NSNS
SEC-REPSAA      I.E. NSNS IDENTIFIED DURING PREVIOUS RUNS OF THE PGM
SEC-REPSAA
SEC-REPSPR100   NSN        EQC2918002550724
SEC-REPSPR120   NSN        EQC2920006701250
SEC-REPSPR120   NSN        EQC2920005002463
SEC-REPSPR120   NSN        EQC5020004536703
SEC-REPSPR120   NSN        EQC5020004552459
SEC-REPSPR120   NSN        EQC5020004003991
SEC-REPSPR120   NSN        EQC5020010142982
SEC-REPSPR120   NSN        EQC5065002690206
SEC-REPSPR120   NSN        EQC6110004355403
SEC-REPSPR120   NSN        EQC5095000360092
SEC-REPSPR120   NSN        EQC5042003491826
SEC-REPSPR120   NSN        EQC50430010793322
SEC-REPSPR260   NS ENI
SEC-REPSPR270   R CSEC-REP-1
SEC-REPSPR500   GO SUB ERO-HIST
SEC-REPSAA
SEC-REPSAA      IT IS ASSUMED THAT PART NSNS WITH AN ADVICE CODE OF
SEC-REPSAA      F1 THRU F6 ARE REPAIRABLES
SEC-REPSAA
SEC-REPSPR510   ADV        GECF1
SEC-REPSPR520   A ADV        LECF6
SEC-REPSPR530   R PART-NSN
SEC-REPSPR540   R NSN
SEC-REPSTFSEC-REP 130      SEC-REP
SEC-REPSTFREM-FROM 130      REMOVED FROM
SEC-REPSTFINIENT 100      INDENTURE
SEC-REPSE1Y
SEC-REPSR1      TINDENT      1 1P
SEC-REPSR1      TSEC-REP      2 2
SEC-REPSR1      TREH-FROM      3 3
SEC-REPSR1      II-NO          3
SEC-REPSR1      ERO            3
SEC-REPST1      HMC PROVISIONING REVIEW STUDY
SEC-REPST1      LIST OF SEC-REP/REMOVED FROM RELATIONSHIPSE
ERO-HISTER
ERO-HISTE1Y
ERO-HISTR1      TINDENT      1 1P
ERO-HISTR1      II-NO          2 2
ERO-HISTR1      NSN            3 3
ERO-HISTR1      ERO            3
ERO-HISTR1      IS PART-CNT      3
ERO-HISTT1      HMC PROVISIONING REVIEW STUDY
ERO-HISTT1      ERO HISTORY OF ERCS MEETING II-NONNSM SELECTION CRITERIA
/0

```

TINDENT

TINDENT

TSEC-REP
TREH-FROM
NSN
NSN
LEVEL

Figure 2 (2 of 3)

```

**TAPE=4
//14524002 JCE (601R.LP3.200.20), '41777 CHADWICK', TIME=12 ANNEX I
//ROUTE PRINT LOCAL
//*****
//*
//* * * * PGM: EROSUB-1 * * *
//*
//* THIS PROGRAM EXTRACTS SELECTED FIELDS FROM THE MIMMS ERC
//* RECORDS OPENED ON ONE OF A SELECTED LIST OF ENT ITEMS. A
//* SUBFILE IS CREATED CONTAINING A RECORD FOR EACH PART
//* REQUISITIONED IN EACH OF THE SELECTED ERGS. A DATE DIFFERENCE
//* COMPUTATION IS USED TO DETERMINE THE TIME AWAITING EACH PART
//* ORDERED. PARTS IN WHICH THE DATE RECEIVED FIELD IS EQUAL TO
//* '9999' ARE CONSIDERED INVALID. THE PART NSN IS ALSO CHECKED
//* FOR NON-NUMERIC ENTRIES WHICH IF FOUND ARE FLAGGED.
//*
//* INPUT FILE: DSN=H9MC1.LMIS.CHADWIK.HISTORY
//* PD: PROV=SDY
//*
//* OUTPUT FILE: DSN=H9MC1.LP32.14524.EROWK1
//*
//*****
//STPI EXEC MARKIV, DEPT=USER, REGION, ENT=150K
//EXT. M40LD ID DSN=FI952.MAIL.MIMMS.HISTORY, DISP=OLD,
// UNIT=2400-3, VOL=SER=FB5091,
// LCB=(RECFM=VB, LRECL=5225, BLKSIZE=15456)
//EXT. M4SUBF1 ID DSN=H9MC1.LP32.14524.EROSUBFT,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// LCB=(RECFM=FB, LRECL=50, BLKSIZE=900),
// SPACE=(TRK,(150,20),RLSE)
//EXT. M4INPUT ID *
STPI RCPRGV-SDYS U S * Y
STPI RFEROSUBF SM4SUBF1
STPI RPFREESIZE2K
STPI AA *****
STPI AP THIS STP PRODUCES A SUBFILE OF THE MIMMS ERC HIST FILE
STPI AA WITH 1 RECORD PER PART REQUISITIONED.
STPI AA *****
EROSUBFTERTIDAY
EROSUBFTPR II-NO E90E7675A
EROSUBFTPR II-NO E90E7684A
EROSUBFTPR II-NO E90E7699A
EROSUBFTPR II-NO E90E7711A
EROSUBFTPR II-NO E90E7716A
EROSUBFTPR II-NO E90E7717A
EROSUBFTPR II-NO E90E7718A
EROSUBFTPR II-NO E90E7726A
EROSUBFTPR II-NO E90E7727A
EROSUBFTPR II-NO E90E7728A
EROSUBFTPR II-NO E90E7729A
EROSUBFTPR II-NO E90E7732A
EROSUBFTPR II-NO E90E7733A
EROSUBFTPR II-NO E90E7734A
EROSUBFTPR II-NO E90E7735A
EROSUBFTPR II-NO E90E7736A
EROSUBFTPR II-NO E90E7685A
EROSUBFTPR II-NO E90E7686A

```

EROSUBFTPR II-NO E000535E ANNEX I
 EROSUBFTPR II-NO E0007510A
 EROSUBFTPR NS ENT
 EROSUBFTPR R ID-NO
 EROSUBFTPR R D1.0
 EROSUBFTPR R CEE
 EROSUBFTPR050 P-DTY * TFACTOR
 EROSUBFTPR TID-NO
 EROSUBFTPR TFACTOR
 EROSUBFTPR TERO-TYPE
 EROSUBFTPR TPARTQTY
 EROSUBFTAA EACH POSITION OF THE NSN IS SCANNED FOR NON-NUMERICS.
 EROSUBFTAA IF A NON-NUMERIC IS FOUND THE PART-NSN IS FLAGGED AS BEING
 EROSUBFTAA A NON-NSN.
 EROSUBFTAA
 EROSUBFTPR051 R CX
 EROSUBFTPR052 PART-NENGECB TPARTQUAL 1 1
 EROSUBFTPR053 A PART-NENGECB 2 1
 EROSUBFTPR054 A PART-NENGECB 3 1
 EROSUBFTPR055 A PART-NENGECB 4 1
 EROSUBFTPR056 A PART-NENGECB 5 1
 EROSUBFTPR057 A PART-NENGECB 6 1
 EROSUBFTPR058 A PART-NENGECB 7 1
 EROSUBFTPR059 A PART-NENGECB 8 1
 EROSUBFTPR060 A PART-NENGECB 9 1
 EROSUBFTPR061 A PART-NENGECB 10 1
 EROSUBFTPR062 A PART-NENGECB 11 1
 EROSUBFTPR063 A PART-NENGECB 12 1
 EROSUBFTPR064 A PART-NENGECB 13 1
 EROSUBFTPR065 A PART-NENLECS 1 1
 EROSUBFTPR066 A PART-NENLECS 2 1
 EROSUBFTPR067 A PART-NENLECS 3 1
 EROSUBFTPR068 A PART-NENLECS 4 1
 EROSUBFTPR069 A PART-NENLECS 5 1
 EROSUBFTPR070 A PART-NENLECS 6 1
 EROSUBFTPR071 A PART-NENLECS 7 1
 EROSUBFTPR072 A PART-NENLECS 8 1
 EROSUBFTPR073 A PART-NENLECS 9 1
 EROSUBFTPR074 A PART-NENLECS 10 1
 EROSUBFTPR075 A PART-NENLECS 11 1
 EROSUBFTPR076 A PART-NENLECS 12 1
 EROSUBFTPR077 A PART-NENLECS 13 1
 EROSUBFTPR078 NS 100
 EROSUBFTPR079 R CH
 EROSUBFTAA TPARTQUAL
 EROSUBFTAA FOR 'VALIIT' PARTS THE TIME FROM THE DATE ORDERED TO
 EROSUBFTAA THE DATE RECEIVED IS COMPUTED.
 EROSUBFTAA
 EROSUBFTPR120 DCC-NO E000 6 1
 EROSUBFTPR1101 DCC-NO E000 6 1
 EROSUBFTPR1101 DCC-NO E000 6 1
 EROSUBFTPR120 A DATERECDNEC9999
 EROSUBFTPR130 DCC-NO * D1
 EROSUBFTPR140 TDATEOFI LTD9000
 EROSUBFTPR1501A DATERECDLTD9000
 EROSUBFTPR1501A TDATEOFI STD9000
 EROSUBFTPR1501A DATERECDLTD9000
 EROSUBFTPR1501A TDATEOFI STD9000
 EROSUBFTPR1701A DATERECDLTD9000
 EROSUBFTPR1701A TDATEOFI LTD9000
 EROSUBFTPR1741A DATERECDLTD9000
 EROSUBFTPR150 NS 500

EROSUBFTPR199 DATEREC'D- YDATEORD
 EROSUBFTPR200 GO OUTPUT
 EROSUBFTPR201 DATEREC'D- YDATEORD
 EROSUBFTPR210 TDATEDIFF- 1935
 EROSUBFTTFLATEC'D 42
 EROSUBFTTFLATEDIFF 42
 EROSUBFTTTPARTQUAL 1
 EROSUBFTTTPARTQTY 822
 EROSUBFTTTPMHIF-A 130
 EROSUBFTTTPMHIF-B 250
 EROSUBFTTTPFACTOR 925

ANNEX I

TDATEDIFF
 TDATEDIFF
 TDATEDIFF
 ORDERED
 DIFFERENCE
 (N) NSN
 QTY
 DATA

DATE PART
 ERO DATE
 (X) NON-NSN
 PART
 MHIF

EROSUBFTTTFID-NO 60
 EROSUBFTTTFTEPF 200
 EROSUBFTTTFERG-TYPE 20
 EROSUBFTTEIY

(EE) END ERO (SE) SEC ERO
 EROSUBF 10F

EROSUBFTTR1 PART-NSN 1
 EROSUBFTTR1 TPARTQUAL
 EROSUBFTTR1 TPARTQTY
 EROSUBFTTR1 NORS
 EROSUBFTTR1 TDATEDIFF
 EROSUBFTTR1 ERO
 EROSUBFTTR1 ID-NO 1 1
 EROSUBFTTR1 SER-NO
 EROSUBFTTR1 QTY
 EROSUBFTTR1 TTMHIF-A
 EROSUBFTTR1 TTERG-TYPE
 EROSUBFTTR1 TTMHIF-B

```

//TAPE=3
//I4524082 J05 (681R,LMP3,255,20), '41777 CHAIWICK', TIME=15 ANNEX I
//ROUTE PRINT LOCAL
//*****
// *
// * * * PGM: EROSUB-2 * * *
// *
// * THIS PROGRAM CREATES A SUBFILE FROM THE MINMS ERO HISTORY
// * FILE SIMILAR TO THE PROCESS DESCRIBED FOR PGM: EROSUB-1.
// * HOWEVER THIS PGM SELECTS THOSE ERO'S OPENED ON A SELECT LIST
// * OF SECRET NSN'S.
// * THE PART QUANTITIES EXTRACTED FROM THE MINMS SYSTEM ARE
// * FACTORED AS DESCRIBED IN ANNEX H SECT.3. THE MARK4 TABLE
// * II-FCR IS USED TO PROVIDE THE PART QTY FACTOR AND ALSO THE
// * END ITEM ID NUMBER TO WHICH THE FACTORED SECRET QUANTITY
// * SHOULD BE APPLIED.
// *
// * INPUT FILE: DSN=HQMC1.LMIS.CHAIWICK.HISTORY
// * FD: PROV-SBY
// *
// * OUTPUT FILE: DSN=HQMC1.LPS2.I4524.EROSWK2
// *
//*****
//STP1 EXEC MARKIV,ISPT=USER,REGION,EXT=190K
//EXT.M4OLD TI DSN=HQMC1.LMIS.CHAIWICK.HISTORY,DISP=OLD
//EXT.M4SUBF1 II DSN=HQMC1.LPS2.I4524.EROSUBFT,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB,LRECL=50,BLKSIZE=900),
// SPACE=(TRK,(150,20),PLSE)
//EXT.M4INPUT ID *
STP1 RCPCOV-SIYS U S Y
STP1 RFERGSUBF SM4SUBF1
STP1 RPFREESIZE2K
STP1 AA *****
STP1 AA THIS PGM PRODUCES A SUBFILE OF THE MINMS ERO HIST FILE
STP1 AA WITH 1 RECORD PER PART REQUISITIONED
STP1 AA THIS VERSION OF THE PROGRAM SELECTS ERO'S OPENED UP ON
STP1 AA SECREPS. THE SECRET NSN'S WERE IDENTIFIED IN THE
STP1 AA PREVIOUS FACTOR DETERMINATION PHASE AND THE SECRET NSN'S
STP1 AA ARE PUT INTO A NSN SELECTION LIST HERE.
STP1 AA *****
EROSUBFTERTODAY
EROSUBFTPR024 NSN E902520010042504
EROSUBFTPR025 NSN E902520010173397
EROSUBFTPR026 NSN E902520010209492
EROSUBFTPR027 NSN E902520010101093
EROSUBFTPR028 NSN E902520007411078
EROSUBFTPR029 NSN E902519910337064
EROSUBFTPR030 NSN E902520002250545
EROSUBFTPR031 NSN E902520010035465
EROSUBFTPR032 NSN E902520010339705
EROSUBFTPR033 NSN E902510001000704
EROSUBFTPR034 NSN E902520000570155
EROSUBFTPR049 NS ENI
EROSUBFTPR050 NSN TLLII-FCR ITEM
EROSUBFTAP

```

Figure 4 (1 of 3)

ANNEX I

THE TABLE II-FCR PROVIDES THE END ITEM II NUMBER TO WHICH
SECRET PART USAGE IS TO BE ATTRIBUTED TO AND ALSO THE
EVAL FACTOR WHICH ACCOUNTS FOR THE COMPARABILITY EFFECT
OF PARTICULAR SEC REPS. (SEE ANNEX H)

| EROSUBFTAA | ITEMF | R | TID-NO | 1 6A |
|-----------------|-------------------|-----------|-----------|-------|
| EROSUBFTPR351 | ITEMF | R | TFACOR | 11 7A |
| EROSUBFTPR352 | ITEMF | * B1 | TERO-TYPE | |
| EROSUBFTPR353 | | R CSE | TPARTQTY | |
| EROSUBFTPR354 | P-QTY | * TFACTOR | TPARTQUAL | |
| EROSUBFTPR355 | | R CX | | |
| EROSUBFTPR356 | PART-NSNGECR | | | 1 1 |
| EROSUBFTPR357 | A PART-NSNGECR | | | 2 1 |
| EROSUBFTPR358 | A PART-NSNGECR | | | 3 1 |
| EROSUBFTPR359 | A PART-NSNGECR | | | 4 1 |
| EROSUBFTPR360 | A PART-NSNGECR | | | 5 1 |
| EROSUBFTPR361 | A PART-NSNGECR | | | 6 1 |
| EROSUBFTPR362 | A PART-NSNGECR | | | 7 1 |
| EROSUBFTPR363 | A PART-NSNGECR | | | 8 1 |
| EROSUBFTPR364 | A PART-NSNGECR | | | 9 1 |
| EROSUBFTPR365 | A PART-NSNGECR | | | 10 1 |
| EROSUBFTPR366 | A PART-NSNGECR | | | 11 1 |
| EROSUBFTPR367 | A PART-NSNGECR | | | 12 1 |
| EROSUBFTPR368 | A PART-NSNGECR | | | 13 1 |
| EROSUBFTPR369 | A PART-NSNGECR | | | 1 1 |
| EROSUBFTPR370 | A PART-NSNGECR | | | 2 1 |
| EROSUBFTPR371 | A PART-NSNGECR | | | 3 1 |
| EROSUBFTPR372 | A PART-NSNGECR | | | 4 1 |
| EROSUBFTPR373 | A PART-NSNGECR | | | 5 1 |
| EROSUBFTPR374 | A PART-NSNGECR | | | 6 1 |
| EROSUBFTPR375 | A PART-NSNGECR | | | 7 1 |
| EROSUBFTPR376 | A PART-NSNGECR | | | 8 1 |
| EROSUBFTPR377 | A PART-NSNGECR | | | 9 1 |
| EROSUBFTPR378 | A PART-NSNGECR | | | 10 1 |
| EROSUBFTPR379 | A PART-NSNGECR | | | 11 1 |
| EROSUBFTPR380 | A PART-NSNGECR | | | 12 1 |
| EROSUBFTPR381 | A PART-NSNGECR | | | 13 1 |
| EROSUBFTPR382 | NS 100 | | | |
| EROSUBFTPR383 | R CH | | TPARTQUAL | |
| EROSUBFTPR100 | DCC-NO | E000 | | 6 1 |
| EROSUBFTPR1101 | DCC-NO | E000 | | 6 1 |
| EROSUBFTPR1151 | DCC-NO | E000 | | 6 1 |
| EROSUBFTPR120 | A DATERECDCN09999 | | | |
| EROSUBFTPR130 | DCC-NO | * B1 | TDATEORD | 6 4 |
| EROSUBFTPR140 | TDATEORI | LT10000 | | |
| EROSUBFTPR1501A | DATERECDCN09999 | | | |
| EROSUBFTPR1521A | TDATEORI | CT10000 | | |
| EROSUBFTPR1541A | DATERECDCN09999 | | | |
| EROSUBFTPR160 | TDATEORI | CT10000 | | |
| EROSUBFTPR1701A | DATERECDCN09999 | | | |
| EROSUBFTPR172 | TDATEORI | LT10000 | | |
| EROSUBFTPR1741A | DATERECDCN09999 | | | |
| EROSUBFTPR180 | NS 500 | | | |
| EROSUBFTPR190 | DATERECDCN09999 | TDATEORI | TDATEIFF | |
| EROSUBFTPR200 | GO OUTPUT | | | |
| EROSUBFTPR210 | DATERECDCN09999 | TDATEORI | TDATEIFF | |
| EROSUBFTPR220 | TDATEIFF | 1000 | TDATEIFF | |
| EROSUBFTPR230 | DATE PART | 42 | DIFFER | |
| EROSUBFTPR240 | DATE PART | 42 | DIFFER | |
| EROSUBFTPR250 | DATE PART | 1 | DIFFER | |
| EROSUBFTPR260 | DATE PART | 020 | DIFFER | |

| EROSUBFTTFFMHIF-A | 130 | ANNEX I | MHIF | DATA |
|---------------------|-----------|---------|--------------|--------------|
| EROSUBFTTFFMHIF-B | 250 | | | |
| EROSUBFTTFFACTOR | 525 | | | |
| EROSUBFTTFFID-NO | 60 | | | |
| EROSUBFTTFFTEYP | 200 | | | |
| EROSUBFTTFFERO-TYPE | 20 | | (EE) END ERO | (EE) SEC ERO |
| EROSUBFTTETIY | | | EROSUBF | 10F |
| EROSUBFTT1 | PART-MEN | 1 | | |
| EROSUBFTT1 | TPARTGUAL | | | |
| EROSUBFTT1 | TPARTQTY | | | |
| EROSUBFTT1 | NDRS | | | |
| EROSUBFTT1 | TDATEDIFF | | | |
| EROSUBFTT1 | ERO | | | |
| EROSUBFTT1 | TIE-NO | 1 1 | | |
| EROSUBFTT1 | SER-NO | | | |
| EROSUBFTT1 | QTY | | | |
| EROSUBFTT1 | TMHIF-A | | | |
| EROSUBFTT1 | TERO-TYPE | | | |
| EROSUBFTT1 | TMHIF-B | | | |

TAPE=4

ANNEX I

14524012 JOB (661R,LPS2,228,16),01 22 09-1WICK,TIME=10

ROUTE PRINT LOCAL

PGM: EROSUB-X

THIS PROGRAM COPIES THE SUBFILES

BY THE PART NO. THE PGM THEN EXTRACTS DATA FROM THE MASTER
HEADER INFORMATION FILE WRT PREFERRED NOM'S, NOMENCLATURE UNIT
PRICE AND WHETHER THE PART IS CONSUMABLE OR REPAIRABLE.

INPUT FILES: 1. DSN=HGMCI.LPS2.14524.EROWK1
FD: ERO-SUBF

2. DSN=HGMCI.LPS2.14524.EROWK2
.EROWK3
.EROWK4
.EROWK5
FD: ERO-SUBF

3. DSN=HGMCI.LMIS.CHATWIK.MHIF
FD: MHIFSAS

OUTPUT FILE: DSN=HGMCI.LPS2.14524.ERCI1

//CNT1 EXEC PGM=IEBGENER,REGION=99K

//SYSOUT DD SYSOUT=A

//SYSPRINT DD SYSOUT=A

//SYSIN DD DUMMY

//SYSUT1 DD DSN=HGMCI.LPS2.14524.EROWK1,DISP=OLD

// DD DSN=HGMCI.LPS2.14524.EROWK2,DISP=OLD

// DD DSN=HGMCI.LPS2.14524.EROWK3,DISP=OLD

//SYSUT2 DD DSN=HGMCI.LPS2.14524.EROSUBFX,

// DISP=(,PASS,DELETE),

// DCB=(RECFM=FB,LRECL=98,BLKSIZE=999),

// UNIT=2400-3

//CNT2 EXEC PGM=IEBGENER,REGION=99K

//SYSOUT DD SYSOUT=A

//SYSPRINT DD SYSOUT=A

//SYSIN DD DUMMY

//SYSUT1 DD DSN=HGMCI.LPS2.14524.EROSUBFX,DISP=OLD

// DD DSN=HGMCI.LPS2.14524.EROWK4,DISP=OLD

// DD DSN=HGMCI.LPS2.14524.EROWK5,DISP=OLD

//SYSUT2 DD DSN=HGMCI.LPS2.14524.EROSUBFT,

// DISP=(,PASS,DELETE),

// DCB=(RECFM=FB,LRECL=98,BLKSIZE=999),

// UNIT=2400-3

//SRT1 EXEC PGM=IEBR0060,REGION=158K

//SOFTL1 DD DSN=SYS1.SOFTL1,DISP=SHR

//SOFTIN DD DSN=HGMCI.LPS2.14524.EROSUBFT,

// DISP=OLD

//SORTK21 DD SPACE=(TRK,50),UNIT=(SYS24,SEP=(SORTIN)),SEP=SORTIN

//SOFTK22 DD SPACE=(TRK,50),UNIT=(SYS24,SEP=(SORTIN,SORTK21)),

// SEP=(SORTIN,SORTK21)

Figure 5

ANNEX 1

```
//SORTWK03 IF SPACE=(TRK,50),SEF=(SORTIN,SORTWK01,SORTWK02),
//      UNIT=(SYSDA,SEF=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD ISN=H0M01.LP02.14524.EROSV01,
//      DISP=(,PASS,DELETE),
//      UNIT=2400-3,
//      DCE=(RECFM=FB,LRECL=90,BLKSIZE=900)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//* THIS STEP SORTS BY: PART-NSN
//SYSIN DD *
. SORT FIELDS=(1,13,CH,A)
/*
//STP1 EXEC MARKIV,IEPT=USER
//EXT.M4OLD DD DSN=H0M01.LMIS.CHADWIK.MHIF,DISP=OLD
//EXT.M4CORD1 DD ISN=H0M01.LP02.14524.EROSV*1,DISP=OLD
//EXT.M4SUBF1 DD ISN=H0M01.LP02.14524.EROSV*2,
//      DISP=(,PASS),
//      UNIT=2400-3,
//      DCE=(RECFM=FB,LRECL=90,BLKSIZE=900)
//EXT.M4INPUT DD *
STP1      RCMHIFSAS S E S
STP1      RFERG0K2 SM4SUBF1
STP1      RFERG-SUBF0M4CORD1 PART-NSN U
STP1      AA *****
STP1      AA
STP1      AA
STP1      AA THIS STP EXTRACTS DATA FROM THE MHIF FOR EACH NSN IN THE
STP1      A ERO SUBFILE. MHIF DATA INCLUDES: PNSN, NOMEK, CODE,
STP1      AA UNIT-PRICE.
STP1      AA *****
MHIFSTP   ERODAY Y
MHIFSTP   PR RECORD E9CL 1 1
MHIFSTP   PR NS 500
MHIFSTP   PR R 1PART-NSN TPNSN
MHIFSTP   PR GO OUTPUT
MHIFSTP   PR500 RECORD E9CM 1 1
MHIFSTP   PR510 NS END
MHIFSTP   PR520 R PNSN TPNSN 1136
MHIFSTP   PR530 R NOMEK TNOMEN
MHIFSTP   PR540 R U/P TU/P
MHIFSTP   AA
MHIFSTP   AA IT IS ASSUMED THAT IF THE RECOVERABILITY CODE IS D,F,H OR L
MHIFSTP   AA THAT THE NSN IS A REPAIRABLE, ELSE IT IS ASSUMED A
MHIFSTP   AA CONSUMABLE.
MHIFSTP   AA
MHIFSTP   PR550 RECOVERCODE9CD
MHIFSTP   PR560 RECOVERCODE9CF
MHIFSTP   PR570 RECOVERCODE9CH
MHIFSTP   PR580 RECOVERCODE9CL
MHIFSTP   PR590 NS OUTPUT
MHIFSTP   PR600 R CR TCODE
MHIFSTP   PR610 GO OUTPUT
MHIFSTP   TFPNSN 130
T-IFSTP   TFPNSN SF2 0
T-IFSTP   TFCODE 10 0
T-IFSTP   TFNOMEK 130 NOT IN MHIF
T-IFSTP   E1Y EROV*2 100
MHIFSTP   R1 1PART-NSN 1
MHIFSTP   R1 1PART9UAL
```

Figure 5 (2 of 3)

```

      MHIFSTP R1      1A10-010
MHIFSTP R1      1INCRS                      ANNEX I
MHIFSTP R1      1DATEDIFF
MHIFSTP R1      1EFO
MHIFSTP R1      1II-NO      1 1
MHIFSTP R1      1SER-NO

MHIFSTP R1      1GTY
MHIFSTP R1      1PHSK
MHIFSTP R1      1ERO-TYPE
MHIFSTP R1      1U/P
MHIFSTP R1      1CODE
MHIFSTP R1      1THOMEN
**
//STP2 EXEC PGM=IEHPRG00,REGION=40K
//SYSPRINT DD SYSOUT=A
//DD1 DD UNIT=SYSDA,VOL=SER=SHRCAT,DISP=SHR
//SYSIN DD *
  UNCATLG DSHAME=HQMCI.LP52.14524.ER011
**
//SORT EXEC PGM=IERRC000,REGION=150K
//SORTLIB DD DSHAME=SYS1.SORTLIB,DISP=SHR
//SORTIN DD ISN=HQMCI.LP52.14524.ER004K2,
//      DISP=OLD
//SORTWK01 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN)),SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN,SORTWK01)),
//      SEP=(SORTIN,SORTWK01)
//SORTWK03 DD SPACE=(TRK,50),SEP=(SORTIN,SORTWK01,SORTWK02),
//      UNIT=(SYSDA,SEP=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD DSH=HQMCI.LP52.14524.ER011,
//      DISP=(,CATLG,DELETE),
//      UNIT=2400-2,
//      DCB=(RECFM=FB,LRECL=96,BLKSIZE=900)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//* THIS STEP SORTS BY: ID-NO/SER-NO/ERO-TYPE/ERO/CODE
//SYSIN DD *
  SORT FIELDS=(33,6,CH,A,39,10,CH,A,64,2,CH,A,29,5,CH,A,71,1,CH,A)
**

```

```

**TAPE=2 ..... ANNEX I .....
//14524012 JOB (601R,LMP3,220,10), '41777 CHADWICK', TIME=3
//ROUTE PRINT LOCAL
//*****
//*
//* * * * PGM: R-CONS * * *
//*
//* THIS PROGRAM PRODUCES A LISTING OF SELECTED FIELDS FROM THE
//* EXPANDED CONSOLIDATED LIST(SEE FIGURE 5).
//*
//*
//* INPUT FILE: DSN=HQMC1.LP92.14524.CONS11
//* FD: EXPDCONS
//*
//* OUTPUT FILES: NONE
//*
//*****
//STP1 EXEC MARKIV,DEPT=USER
//EXT.M4OLD ID DSN=HQMC1.LP92.14524.CONS11,DISP=OLD
//EXT.M4INPUT DD *
STP1 RCEXPDCONSS U S E
STP1 AA
CONSLISTERTODAY
CONSLISTAR
CONSLISTAR THE TABLE PROV-ID PROVIDES NOMENCLATURES AND IN SERVICE
CONSLISTAR DATES FOR THE ID NUMBERS UNDER STUDY
CONSLISTAR
CONSLISTPR ID-NO TLLPROV-ID TIDNOMN
CONSLISTTFIDNOMN 900 NSN NOMENCLATURE
CONSLISTE1
CONSLISTR1 ID-NO 1 1P ID NO: 900000 ,
CONSLISTR1 TIDNOMN 1P
CONSLISTR1 NSN 3 0000-00-0000000
CONSLISTR1 PMSN 0000-00-0000000 113
CONSLISTR1 NOMEN
CONSLISTR1 CODE 2
CONSLISTR1 CEC
CONSLISTR1 UNIT-PRC 00000.00
CONSLISTR1 GOL-QTY
CONSLISTR1 MO-QTY
CONSLISTTI HQMC PROVISIONING REVIEW STUDY#
CONSLISTTI CONSOLIDATED LISTING II MAF#
CONSLISTP1 *****
CONSLISTP1 *
CONSLISTP1 * HEADQUARTERS, UNITED STATES MARINE CORPS *
CONSLISTP1 * PROVISIONING POLICY REVIEW STUDY *
CONSLISTP1 *
CONSLISTP1 * CONSOLIDATED LISTING: II MAF *
CONSLISTP1 *
CONSLISTP1 * THIS REPORT PROVIDES A LISTING OF THE GOL *
CONSLISTP1 * AND M4O QUANTITIES (SUMMED OVER ALL PROJ) *
CONSLISTP1 * FOR EACH II NUMBER BEING STUDIED. *
CONSLISTP1 *
CONSLISTP1 *****
/*

```

Figure 6 (1 of 1)

ANNEX I

```

//TAPE=2
//14524012 JGE (661P.LP3.288.18), '41777 CHADWICK', TIME=2
//ROUTE PRINT LOCAL
//*****
//*
//* * * * * PGM: R-CONS2 * * *
//*
//* * THIS PROGRAM PRODUCES A LISTING OF SELECTED FIELDS FROM THE
//* * EXPANDED CONSOLIDATED LIST(SEE FIGURE 7).
//*
//* * INPUT FILE: DSN=HQMC1.LP52.14524.CONSI1
//* * FD: EXPDCONS
//*
//* * OUTPUT FILES: NONE
//*
//*****
//STPI EXEC MARKIV, DEPT=USER
//EXT.M40LD ID DSN=HQMC1.LP52.14524.CONSI1, DISP=OLD
//EXT.M4INPUT DD *
STPI RCEXPDCONS U 5
STPI AA
CONSISTERTODAY
CONSISTPR ID-NO TELPROV-ID TIDNOMN
CONSISTTFIDNOMN 920 NSN NOMENCLATURE
CONSISTE1
CONSISTR1 ID-NO 1 1P ID NO: 000000
CONSISTR1 TIDNOMN 1P
CONSISTR1 CODE 2
CONSISTR1 CAB/MFB
CONSISTR1 NSN 3 0000-00-0000000
CONSISTR1 PNSN 0000-00-0000000 113
CONSISTR1 NOMEN
CONSISTR1 DST 1
CONSISTR1 RD/ALW
CONSISTT1 HQMC PROVISIONING REVIEW STUDY
CONSISTT1 CONSOLIDATED LISTING (SHEET 2) 11 MAF
CONSISTP1 *****
CONSISTP1 *
CONSISTP1 * HEADQUARTERS, UNITED STATES MARINE CORPS *
CONSISTP1 * PROVISIONING POLICY REVIEW STUDY *
CONSISTP1 *
CONSISTP1 * CONSOLIDATED LISTING, 11 MAF *
CONSISTP1 * SHEET 2 *
CONSISTP1 *
CONSISTP1 * THIS REPORT PROVIDES A LISTING OF THE GOL *
CONSISTP1 * AND M/O QUANTITIES (SUMMED OVER ALL PROJ) *
CONSISTP1 * FOR EACH ID NUMBER BEING STUDIED. *
CONSISTP1 *
CONSISTP1 *****
//

```

Figure 7 (1 of 1)

```

**TAPE=2 ..... ANNEX I .....
//I4524012 JOB (6218,LPS2,200,10), '41777 CHADWICK', TIME=3
//ROUTE PRINT LOCAL
//*****
//*
//* * * * * PGM: R-MOE2 * * *
//*
//* THIS PROGRAM PRODUCES MOE COMPUTATION SHEET II
//* E). THE PGM COMPUTES VARIOUS COSTING PARAMETERS, RO STATUS AND
//* IIP CHARACTERISTICS BROKEN DOWN BY:
//*
//* 1. ID-NO
//* 2. GOL/MO
//* 3. CONSUMABLE/REPAIRABLE
//*
//* INPUT FILE: DSN=HQMC1.LPS2.I4524.CONSI1
//* FD: EXPDCONS
//*
//* OUTPUT FILE: NONE
//*
//*****
//STP1 EXEC MARKIV,DEPT=USER
//EXT.M4GLD DD DSN=HQMC1.LPS2.I4524.CONSI1,DISP=OLD
//EXT.M4INPUT DD *
STP1 RCEXPDCONSS U S #
STP1 AA
MOE-II ERTODAY
MOE-II PR ID-NO TLLPROV-ID TIDNOMN Y
MOE-II PR R D1 TIIP-CNT
MOE-II PR GOL-QTY GTD8
MOE-II PR NS 858
MOE-II PR R D1 TGOL-CNT
MOE-II PR858 GOL-QTY * UNIT-PRC TGOL-COST
MOE-II PR868 MO-QTY * UNIT-PRC TMO-COST
MOE-II PR878 MO-QTY GTD8
MOE-II PR888 NS 188
MOE-II PR898 R D1 TCRIT
MOE-II PR898 R D1 TMO-CNT
MOE-II PR188 RO/ALW GTD8
MOE-II PR118 NS 208
MOE-II PR128 R D1 TRO
MOE-II PR138 R D8 TNOT-RO
MOE-II PR288 TCRIT * TGOL-COST TCRIT-CST
MOE-II PR218 TGOL-COST+ TMO-COST TTOT-COST
MOE-II PR228 TTOT-COST* TNOT-RO TXRO-CST
MOE-II PR388 R CONSUMABLES: TCLASS
MOE-II PR318 CODE EGCR
MOE-II PR328 NS 348
MOE-II PR338 R CREPAIRABLES: TCLASS
MOE-II PR348 TGOL-CNT * TRO TGOL-RO
MOE-II TFGOL-CNT 52 8 GOL NSN COUNTER
MOE-II TFIIDNOMN 90C
MOE-II TFMG-CNT 52 8 M/O NSN COUNTER
MOE-II TFIIP-CNT 52 8 IIP NSN COUNTER
MOE-II TFGOL-RO 52 8 GOL WHICH IS RO
MOE-II TFCCLASS 12C PART CLASSIFICATION
MOE-II TFGOL-COST 1222 GOL COST
MOE-II TFMG-COST 1222 M/O COST

```

Figure 8 (1 of 3)

| | | | | ANNEX I | CRITICAL | PART | |
|--------|------------|---|------|---|--------------------|------------|--|
| MGE-II | TFCRIT | 12 | 8 | | POSITIVE | RO? | |
| MGE-II | TFRO | 12 | 8 | | COST OF GOL | (CRITICAL) | |
| MGE-II | TFTOT-COST | 1222 | | | TOTAL IIP | COST | |
| MGE-II | TFNOT-RO | 12 | 1 | | NOT | RO | |
| MGE-II | TFXRO-CST | 1222 | | | COST OF IIP | (NOT RO) | |
| MGE-II | E1Y | | | | | | |
| MGE-II | R1 | ID-NO | Y1 1 | | | | |
| MGE-II | R1 | TIDNOMH | Y 1 | | | | |
| MGE-II | R1 | HSN | Y3 | | | | |
| MGE-II | R1 | TCLASS | Y2 2 | | | | |
| MGE-II | R1 | TGOL-COST | Y 2 | | *****.00 | | |
| MGE-II | R1 | TMO-COST | Y 2 | | *****.00 | | |
| MGE-II | R1 | TTOT-COST | Y 2 | | *****.00 | | |
| MGE-II | R1 | TCRIT-CST | Y 2 | | *****.00 | | |
| MGE-II | R1 | TXRO-CST | Y 2 | | *****.00 | | |
| MGE-II | R1 | TRO | Y 2 | TIIP-CNT | 24444.00 | | |
| MGE-II | R1 | TGOL-CNT | Y 2 | | 4444 | | |
| MGE-II | R1 | TGOL-RO | Y 2 | TGOL-CNT | 24444.00 | | |
| MGE-II | R1 | TIIP-CNT | Y 2 | | 4444 | | |
| MGE-II | R1 | TMO-CNT | Y 2 | | 4444 | | |
| MGE-II | F1 | 498 | | HQMC PROVISIONING REVIEW STUDY# | | 88 | |
| MGE-II | F1 | 478 | | MGE COMPUTATION SHEET II (II MAP) | | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | F.DATES 1878 | | #PAGE: 8 F.PAGES | | 88 | |
| MGE-II | F1 | 2S | | | | | |
| MGE-II | F1 | #ID NO: 8 | | ID-NO# 8 , 8 T.IDNOMH# | | 88 | |
| MGE-II | F1 | 3S | | | | | |
| MGE-II | F1 | 1P | | | | | |
| MGE-II | F1 | 2L | | 8S T.CLASS# 4B #COST OF GOL: 8 | | | |
| MGE-II | F1 | | | TOTAL T.GOL-COST#2 | 6B | | |
| MGE-II | F1 | | | #COST OF GOL (CRITICAL): 8 | 21B | | |
| MGE-II | F1 | | | TOTAL T.CRIT-CST#2 | | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | 2L | | 24B #COST OF M/O: 8 | TOTAL T.NO-COST#2 | 6B | |
| MGE-II | F1 | | | #COST OF IIP (GOL + M/O) WHICH IS NOT RO: 8 | 4B | | |
| MGE-II | F1 | | | TOTAL T.XRO-CST#2 | | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | 2L | | 24B #TOTAL COST: 8 | TOTAL T.TOT-COST#2 | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | 2L | | 24B #RANGE (GOL): 8 6S | TOTAL T.GOL-CNT#2 | 9B | |
| MGE-II | F1 | | | % OF THE IIP WHICH IS RO: 8 | 23B | | |
| MGE-II | F1 | | | PCT T.RO#2 | | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | 2L | | 24B #RANGE (M/O): 8 6B | TOTAL T.NO-CNT#2 | 9B | |
| MGE-II | F1 | | | % OF GOL WHICH IS RO: 8 | 27B | | |
| MGE-II | F1 | | | PCT T.GOL-RO#2 | | 88 | |
| MGE-II | F1 | 1S | | | | | |
| MGE-II | F1 | 2L | | 24B #RANGE (IIP): 8 6S | TOTAL T.IIP-CNT#2 | 88 | |
| MGE-II | F1 | 3S | | | | | |
| MGE-II | P1 | ***** | | | | | |
| MGE-II | P1 | * * * | | | | | |
| MGE-II | P1 | * HEADQUARTERS, UNITED STATES MARINE CORPS * * | | | | | |
| MGE-II | P1 | * PROVISIONING POLICY REVIEW STUDY * * | | | | | |
| MGE-II | P1 | * * * | | | | | |
| MGE-II | P1 | * MGE SHEET II (II MAP) * * | | | | | |
| MGE-II | P1 | * * * | | | | | |
| MGE-II | P1 | * THIS REPORT PROVIDES SELECTED COSTING, PG * * | | | | | |
| MGE-II | P1 | * AND COST FACTORS BROKEN DOWN FOR EACH ID * * | | | | | |

| | | | | | |
|--------|----|---|---------------------------|-------------|----|
| MOE-II | PI | • | BY: GGL / MD / CONCOMABLE | RETAINABLE. | •• |
| MOE-II | PI | • | | | •• |
| MOE-II | PI | • | ***** | ***** | •• |

ANNEX I

```

***** ANNEX I *****
//TYPE-3
//14524012 JOB (601R,LPS2,200.10), '41777 CHADWICK', TIME=5
//ROUTE PRINT LOCAL
//*****
//*
//* * * * * PGM: R-MOE34A * * *
//*
//* * THIS PROGRAM PRODUCES MOE COMPUTATION SHEETS III AND IV
//* * (SEE FIGURE 9). THIS 'A' VERSION ROUNDS ANY FRACTIONAL 2 MONTH
//* * ERO USAGE DOWN TO THE NEXT LOWEST INTEGER. THIS ROUNDED ERO
//* * USAGE IS COMPARED AGAINST THE GCL QUANTITIES FROM THE CONSOLI-
//* * DATED LISTS. COMPARISONS ARE MADE BASED ON PREFERRED NSN'S.
//* * QUANTITY DIFFERENCES ARE BROKEN DOWN BY CONSUMABLE AND REPAIR-
//* * ABLE CLASSES INTO THE FOLLOWING CATEGORIES:
//*
//* * 1. EVEN
//* * 2. OVERAGE
//* * 3. SHORTAGE
//* * 4. ZERO
//*
//* * A SUMMARY SHEET FOR EACH ID NUMBER AND DETAILED DATA
//* * PROVIDING SPECIFIC NSN COMPARISONS WITHIN EACH CATEGORY ARE
//* * GENERATED.
//*
//* * INPUT FILES: 1. DSN=HQMC1.LPS2.14524.CONSLI
//* * FD: EXPECONS
//*
//* * 2. DSNFHQMC1.LPS2.14524.EROII
//* * FD: ERO-SUSF
//*
//* * OUTPUT FILES: NONE
//*
//* *****
//SRT1 EXEC PGM=IERRC000, REGION=150K
//SORTLIB DD DSN=SYS1.SORTLIB, DISP=SHR
//SORTIN DD DSN=HQMC1.LPS2.14524.CONSLI, DISP=OLD
//SORTWK01 DD SPACE=(TRK,50), UNIT=(SYSDA, SEF=(SORTIN)), SEF=SORTIN
//SORTWK02 DD SPACE=(TRK,50), UNIT=(SYSDA, SEF=(SORTIN, SORTWK01)),
// SEF=(SORTIN, SORTWK01)
//SORTWK03 DD SPACE=(TRK,50), SEF=(SORTIN, SORTWK01, SORTWK02),
// UNIT=(SYSDA, SEF=(SORTIN, SORTWK01, SORTWK02))
//SORTOUT DD DSN=HQMC1.LPS2.14524.CONSLIST,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB, LRECL=103, BLKSIZE=5150),
// SPACE=(5150, (100, 20), RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//* SORTS BY PREF NSN AND THEN ID NO.
//SYSIN DD *
// SORT FIELDS=(64,13,CH,A,1,6,CH,A)
//
//SORT EXEC PGM=IERRC000, REGION=150K
//SORTLIB DD DSN=SYS1.SORTLIB, DISP=SHR
//SORTIN DD DSN=HQMC1.LPS2.14524.EROII, DISP=OLD
//SORTWK01 DD SPACE=(TRK,50), UNIT=(SYSDA, SEF=(SORTIN)), SEF=SORTIN
//SORTWK02 DD SPACE=(TRK,50), UNIT=(SYSDA, SEF=(SORTIN, SORTWK01)),
// SEF=(SORTIN, SORTWK01)
//SORTWK03 DD SPACE=(TRK,50), SEF=(SORTIN, SORTWK01, SORTWK02),

```

Figure 9 (1 of 8)

```

                                ANNEX I
UNIT=(SYSDA,SEP=(SORTIN,SORT=11,SORTOUT=12))
//EXT.M4OLD ID DSN=HQMCI.LP52.14524.EROKK1,DISP=OLD
//EXT.M4SUBF1 ID DSN=HQMCI.LP52.14524.EROUK2,
//      DISP=(,PASS,DELETE),
//      UNIT=SYSDA,
//      ICB=(RECFM=FB,LRECL=96,BLKSIZE=960),
//      SPACE=(TRK,(156,20),RLSE)
//SYSDAT=A
//SYSDOUT=A
//* SORTS BY PFSH NSH AND THEN ID NO.
//SYSIN DD *
    SORT FIELDS=(51,13,CH,A,33,6,CH,A)
//
//STP2 EXEC MARKIV,DEPT=USER
//EXT.M4OLD ID DSN=HQMCI.LP52.14524.EROKK1,DISP=OLD
//EXT.M4SUBF1 ID DSN=HQMCI.LP52.14524.EROUK2,
//      DISP=(,PASS,DELETE),
//      UNIT=SYSDA,
//      ICB=(RECFM=FB,LRECL=96,BLKSIZE=960),
//      SPACE=(TRK,(156,20),RLSE)
//EXT.MAINPUT DD *
STP1      RCERG-SUBFS U      S      6
STP1      RFEROSUBF SM4SUBF1
STP1      AA      *****
STP1      AA      THIS STEP AGGREGATES DUPLICATE PFSH/ID NUMBER PAIRS
STP1      AA      IN ORDER TO COMPUTE A CUMULATIVE PART QTY FOR EACH
STP1      AA      NSH FOR EACH END ITEM. THIS STEP ASSUMES THAT
STP1      AA      THE ERG SUBFILE IS SORTED BY PFSH AND THEN ID.
STP1      AA      *****
ERO-DUPSTODAY
ERO-DUPSPR      PFSH      EQTPART-NSH
ERO-DUPSPR      A ID-NO      EQTID-NO
ERO-DUPSPR      NS 500
ERO-DUPSPR
ERO-DUPSPR      SAME PFSH/ID AS LAST RECORD
ERO-DUPSPR
ERO-DUPSPR      ADJUST THE 485 DAY ERO USAGE QTY TO A 60 DAY
ERO-DUPSPR      FRACTIONAL USAGE QUANTITY.
ERO-DUPSPR
ERO-DUPSPR      ADJ-QTY / D6.00
ERO-DUPSPR      TTEMPQTY + TADJ-QTY
ERO-DUPSPR      GO END
ERO-DUPSPR
ERO-DUPSPR      DIFFERENT PFSH/ID PAIR
ERO-DUPSPR
ERO-DUPSPR500      GO SUB OUT-RECD
ERO-DUPSPR510      R PFSH
ERO-DUPSPR520      R PARTQVAL
ERO-DUPSPR530      R NORS
ERO-DUPSPR540      R ID-NO
ERO-DUPSPR550      R SER-NO
ERO-DUPSPR560      R QTY
ERO-DUPSPR570      ADJ-QTY / D6.00
ERO-DUPSPR580      GO END
ERO-DUPSTPART-NSH 12
ERO-DUPSTPART-AL 1
ERO-DUPSTPART-QTY 922
ERO-DUPSTNORS 1
ERO-DUPSTPARTDIFF 42

```

Figure 9 (2 of 2)

ANNEX I

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ERO-DUPSTFERO 5
ERO-DUPSTFII-NO 6
ERO-DUPSTFSEER-NO 10
ERO-DUPSTFOTY 22
ERO-DUPSTFOTY 822
OUT-RECIEP
OUT-RECIPR TPART-NSHNEC
OUT-RECIPR NS END
OUT-RECIPR CODE EOCR
OUT-RECIPR NS 100
OUT-RECTAA
OUT-RECTAA IF THE NSN IS A REPAIRABLE, FURTHER ADJUST THE USAGE QTY
OUT-RECTAA TO A 30 DAY FRACTIONAL USAGE
OUT-RECTAA
OUT-RECIPR TADJ-QTY / D2.8 TADJ-QTY
OUT-RECIPR100 TADJ-QTY LEDE.01
OUT-RECIPR110 NS OUTPUT
OUT-RECIPR120 R D0.01 TADJ-QTY
OUT-RECIE1 NR EROSUBF 10F
OUT-RECIR1 TPART-NSN 1 1
OUT-RECIR1 TPARTQUAL
OUT-RECIR1 TADJ-QTY
OUT-RECIR1 INCRS
OUT-RECIR1 TDATEDIFF
OUT-RECIR1 TERO
OUT-RECIR1 TIT-NO 2
OUT-RECIR1 TSEER-NO
OUT-RECIR1 TQTY
OUT-RECIR1 TPART-NSN
OUT-RECIR1 ERO-TYPE
OUT-RECIR1 U/P
OUT-RECIR1 CODE
OUT-RECIR1 NOMEN
OUT-RECIT1 ERO SUBFILE SORTED BY PMSN THEN ID-NO W/O DUPS#
/*
//STP2 EXEC MARKIV,DEPT=USER
//EXT.M4REPO DD UNIT=2400-3
//EXT.M4OLD DD DSN=HQMCI.LPS2.14524.EROYK2,DISP=OLD
//EXT.M4COSD1 DD DSN=HQMCI.LPS2.14524.CONSLIST,DISP=OLD
//EXT.M4INPUT DD *
STP2 RCERO-SUBFS E S #
STP2 RFEXFICONSSM4CORD1 PMSN ID-NO U
STP2 AA BOTH THE ERO AND CONS ASSUMED SORTED BY:
STP2 AA (PMSN / ID-NO / CODE)
CONS-ERCERTDAY
CONS-EROPR RECORD EOCR
CONS-EROPR NS 300
CONS-ERCAA
CONS-ERCAA NSN IN CONSLIST BUT NO ERO USAGE INDICATED
CONS-EROPR R D0 TFCT-USG
CONS-EROPR R D0 TRND-INT
CONS-EROPR R D1 TIIP-CHT
CONS-EROPR 100L-QTY GTDE
CONS-EROPR NS 400
CONS-EROPR R D1 TCOL-CHT
CONS-EROPR GO 400
CONS-EROPR300 RECORD EOCR
CONS-EROPR310 NS 700

```

ANNEX 1

CONS-EROPR312 R CY TMATCHSW
 CONS-ERCAA
 CONS-ERCAA HSN IS IN CONSLIST AND DOES HAVE USAGE
 CONS-ERCAA
 CONS-ERCAA
 CONS-EROPR314 R D1 TID-ONT
 CONS-EROPR315 1GOL-QTY CTIS
 CONS-EROPR316 NS 328
 CONS-EROPR317 R D1 TGOL-ONT
 CONS-ERCAA
 CONS-ERCAA *** ROUNDING CONVENTION ***
 CONS-ERCAA ANY FRACTION IS ROUNDED TO THE NEXT LOWEST INTEGER
 CONS-ERCAA
 CONS-ERCAA
 CONS-EROPR328 R ADJ-QTY TFCT-USG
 CONS-EROPR328 TFCT-USG * D1 TRND-INT
 CONS-ERCAA
 CONS-ERCAA THE FOLLOWING APPLIES IF THE HSN IS IN THE CONSLIST AT ALL
 CONS-ERCAA
 CONS-EROPR438 R 1ID-NO TID-NO
 CONS-EROPR438 R 1CODE TCODE
 CONS-EROPR438 R 1PNSN TNSH 1138
 CONS-EROPR438 R 1GOL-QTY TGOL-QTY
 CONS-EROPR438 R 1UNIT-PRC TUNIT-PRC
 CONS-EROPR438 R 1NOMEN THSN-NOMN
 CONS-EROPR450 GO 900
 CONS-ERCAA
 CONS-ERCAA HSN HAS ERD USAGE BUT IS NOT IN CONSLIST
 CONS-ERCAA
 CONS-EROPR708 TMATCHSW EQCY
 CONS-EROPR718 NS 800
 CONS-EROPR728 R CH TMATCHSW
 CONS-EROPR738 GO END
 CONS-EROPR808 R D8 TGOL-QTY
 CONS-ERCAA *** ROUNDING CONVENTION ***
 CONS-EROPR818 R ADJ-QTY TFCT-USG
 CONS-EROPR828 TFCT-USG * D1 TRND-INT
 CONS-EROPR838 R 1D-NO TID-NO
 CONS-EROPR838 R 1CODE TCODE
 CONS-EROPR838 R 1PART-NSH TNSH
 CONS-EROPR838 R 1NOMEN THSN-NOMN
 CONS-EROPR858 U/P * D1 TUNIT-PRC
 CONS-ERCAA
 CONS-ERCAA THE FOLLOWING COMPUTATIONS APPLY FOR ALL OUTPUT LINES
 CONS-ERCAA
 CONS-EROPR908 TID-NO TLLPROV-ID TID-NOMN
 CONS-EROPR908 R 1CONSUMABLES TCLASS
 CONS-EROPR908 TCODE EQCR
 CONS-EROPR908 NS 988
 CONS-EROPR908 R 1CREPAIRABLES TCLASS
 CONS-EROPR908 TRND-INT * D1 TRND-USG
 CONS-ERCAA
 CONS-ERCAA IF GOL ANT ERD USAGE ARE **EVEN**
 CONS-ERCAA
 CONS-EROPR918 TFCT-USG EQGOL-QTY
 CONS-EROPR918 NS 928
 CONS-EROPR918 TFCT-USG EQID
 CONS-EROPR918 NS 918
 CONS-EROPR918 R 1ZEROS TCATEGORY

| | | | |
|--------------------|----------------------|------------------|---------------------------|
| CONS-EROPR915 | GO 990 | ANNEX 1 | |
| CONS-EROPR916 | R CEVEN | | TCATEGORY |
| CONS-EROPR917 | R D1 | | TEVEN-CNT |
| CONS-EROPR918 | GO 990 | | |
| CONS-ERCAA | | | |
| CONS-ERCAA | IF GOL IS **OVER** | ROUNDED USAGE | |
| | | | |
| CONS-ERCAA | | | |
| CONS-EROPR920 | TRND-USG | LTTCOL-QTY | |
| CONS-EROPR922 | | NS 950 | |
| CONS-EROPR924 | | R COVER | TCATEGORY |
| | | | |
| CONS-EROPR926 | TCOL-QTY - TRND-USG | | TOVER-QTY |
| CONS-EROPR928 | TOVER-QTY* TUNIT-PRC | | TOVER-CST |
| CONS-EROPR930 | | R D1 | TOVER-D |
| CONS-EROPR932 | TFCT-USG | EQDE | |
| CONS-EROPR934 | | NS 990 | |
| CONS-EROPR936 | | R D1 | TOVER-ZER |
| CONS-EROPR940 | | GO 990 | |
| CONS-ERCAA | | | |
| CONS-ERCAA | IF GOL IS **SHORT** | OF ROUNDED USAGE | |
| CONS-ERCAA | | | |
| CONS-EROPR950 | TRND-USG | GTTCOL-QTY | |
| CONS-EROPR952 | | NS END | |
| CONS-EROPR954 | | R CSHORT | TCATEGORY |
| CONS-EROPR956 | TRND-USG - TCOL-QTY | | TSHRT-QTY |
| CONS-EROPR958 | TSHRT-QTY* TUNIT-PRC | | TSHRT-CST |
| CONS-EROPR960 | TCOL-QTY | EQDE | |
| CONS-EROPR962 | | NS 960 | |
| CONS-EROPR964 | | R D1 | TSHRT-R |
| CONS-EROPR966 | | GO 990 | |
| CONS-EROPR968 | | R D1 | TSHRT-D |
| CONS-EROPR970 | | GO 990 | |
| CONS-EROPR990 | | GO SUB OUT-LINE | |
| CONS-EROPR995 | | GO END | |
| | | | |
| CONS-EROTFCATEGORY | 5 | | PROVISIONING CATEGORY |
| CONS-EROTFECT-USG | 922 | | FACTORED ERO USAGE |
| CONS-EROTFRND-USG | 522 | | ROUNDED ERO USAGE |
| CONS-EROTFRND-INT | 52 | 0 | INTEGER ROUNDING |
| CONS-EROTFCOL-QTY | 52 | | GOL PROV QTY |
| CONS-EROTFNSH | 13 | | NSN |
| CONS-EROTFNSH-NOMH | 19 | | NSN NOMEN |
| CONS-EROTFUNIT-PPC | 1222 | | UNIT PRICE |
| CONS-EROTFSHRT-R | 42 | | SHORTAGE RANGE |
| CONS-EROTFSHRT-D | 42 | | SHORTAGE DEPTH |
| CONS-EROTFSHRT-QTY | 42 | | SHORTAGE QTY |
| CONS-EROTFSHRT-CST | 1222 | | SHORTAGE COST |
| CONS-EROTFOVER-ZER | 42 | | PROVISIONET W/ZERO DEYANI |
| CONS-EROTFOVER-D | 42 | | OVERAGE DEPTH |
| CONS-EROTFOVER-QTY | 42 | | OVERAGE QTY |
| CONS-EROTFOVER-CST | 1222 | | OVERAGE COST |
| CONS-EROTFEVEN-CNT | 52 | 0 | EVEN COUNTER |
| CONS-EROTFIIP-CNT | 52 | 0 | IIP COUNTER |
| CONS-EROTFCOL-CNT | 52 | 0 | GOL COUNTER |
| CONS-EROTFCODE | 10 | | CONS/PPAL CODE |
| CONS-EROTFCASS | 120 | | CONS/PPAL LABEL |
| CONS-EROTFII-HO | 5 | | |
| | | | |
| CONS-EROTFID-NOMH | 900 | | |
| OUT-LINEER | | | |

| | | | | |
|-------------|-----------|---------------------------------|---|-----------|
| OUT-LINEPR | TID-NO | EROE | | |
| OUT-LINEE1Y | | | | |
| OUT-LINER1 | TID-NO | Y1 | 1 | |
| OUT-LINER1 | TID-NOMN | Y | 1 | |
| OUT-LINER1 | TCLASS | Y2 | 2 | |
| OUT-LINER1 | TSHRT-R | Y | 2 | 000000.00 |
| OUT-LINER1 | TSHRT-D | Y | 2 | 000000.00 |
| OUT-LINER1 | TSHRT-CST | Y | 2 | 000000.00 |
| OUT-LINER1 | TOVER-ZER | Y | 2 | 000000.00 |
| OUT-LINER1 | TOVER-D | Y | 2 | 000000.00 |
| OUT-LINER1 | TOVER-CST | Y | 2 | 000000.00 |
| OUT-LINER1 | TEVEN-CNT | Y | 2 | 000000.00 |
| OUT-LINER1 | TGOL-CNT | Y | 2 | 000000.00 |
| OUT-LINER1 | TIIP-CNT | Y | 2 | 000000.00 |
| OUT-LINEF1 | 499 | #HMC PROVISIONING REVIEW STUDY# | | 00 |
| OUT-LINEF1 | 529 | #NOE COMPUTATION SHEET III# | | 00 |
| OUT-LINEF1 | 599 | #END ITEM SUMMARIES (II MAP)# | | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | F.DAT# | 1878 | #PAGE: # F.PAGES | 00 |
| OUT-LINEF1 | 2S | | | |
| OUT-LINEF1 | 2P | | | |
| OUT-LINEF1 | 2L | #ID NO: # | T.ID-NO# # | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | T.CLASS# | | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | 109 | #SHORTAGES: (1) NUMBER OF HNS WHICH HAD A # | |
| OUT-LINEF1 | | | #ROUNDED 2 NO. ERO USAGE GREATER THAN ZERO, # | |
| OUT-LINEF1 | | | 99 TOTAL T.SHRT-RE2 | 00 |
| OUT-LINEF1 | 2L | 27B | #BUT WHICH HAD NO GOL PROVISIONED: # | |
| OUT-LINEF1 | | | # (LABEL: RANGE - 'RNG')# | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | 22B | #(2) NUMBER OF HNS WHICH HAD GOL PROVISIONED, # | |
| OUT-LINEF1 | | | # BUT HAD A ROUNDED 2 NO. ERO# | |
| OUT-LINEF1 | | | 99 TOTAL T.SHRT-DE2 | 00 |
| OUT-LINEF1 | 2L | 27B | #USAGE IN EXCESS OF THE GOL PROV. QTY: # | |
| OUT-LINEF1 | | | # (LABEL: DEPTH - 'DEP')# | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | 22B | #(3) TOTAL DOLLAR VALUE OF THE DIFFERENCE # | |
| OUT-LINEF1 | | | #BETWEEN THE 2 NO. ERO USAGE AND# | |
| OUT-LINEF1 | | | 99 TOTAL T.SHRT-CST#2 | 00 |
| OUT-LINEF1 | 2L | 27B | #THE GOL PROV. QTY (WHEN USAGE IS GREATER): # | 00 |
| OUT-LINEF1 | 2S | | | |
| OUT-LINEF1 | 2L | 10B | #OVERAGES: (4) NUMBER OF HNS WHICH HAD # | |
| OUT-LINEF1 | | | #A POSITIVE GOL PROV. QTY, BUT HAD ZERO# | |
| OUT-LINEF1 | | | 149 TOTAL T.OVER-ZER#2 | 00 |
| OUT-LINEF1 | 2L | 27B | #DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND # | |
| OUT-LINEF1 | | | #- 'NO DHD')# | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | 22B | #(5) NUMBER OF HNS IN WHICH THE GOL PROV. QTY# | |
| OUT-LINEF1 | | | # IS GREATER THAN THE 2 NO. # | |
| OUT-LINEF1 | | | 189 TOTAL T.OVER-DE2 | 00 |
| OUT-LINEF1 | 2L | 27B | #ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP')# | 00 |
| OUT-LINEF1 | 1S | | | |
| OUT-LINEF1 | 2L | 22B | #(6) TOTAL DOLLAR VALUE OF THE DIFFERENCE # | |
| OUT-LINEF1 | | | #BETWEEN THE GOL PROV. QTY AND# | |
| OUT-LINEF1 | | | 119 TOTAL T.OVER-CST#2 | 00 |
| OUT-LINEF1 | 2L | 27B | #THE 2 NO. ROUNDED ERO USAGE (WHEN USAGE # | |
| OUT-LINEF1 | | | #IS LESS): # | 00 |
| OUT-LINEF1 | 2S | | | |

ANNEX I

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OUT-LINEF1 2L 18B REVENUE 7B (47) NUMBER OF NSNS IN WHICH THE 1
OUT-LINEF1 GOL PROV QTY AND THE 2 MO. ROUNDED ERO
OUT-LINEF1 11B TOTAL T.EVEN-CNT#2
OUT-LINEF1 2L 27B ARE THE SAME (NOT EQUAL TO ZERO).
OUT-LINEF1 2S
OUT-LINEF1 2L 18B *CONSIST: (8) NUMBER OF NSNS FOR WHICH GOL 1
OUT-LINEF1 *WAS PROVISIONED: 32B TOTAL T.GOL-CNT#2
OUT-LINEF1 1S
OUT-LINEF1 2L 22B *(9) TOTAL NUMBER OF NSNS PROVISIONED 1
OUT-LINEF1 *(IIP): 38B TOTAL T.IIP-CNT#2
OUT-LINEF1 5S

OUT-LINEF1 2L 27B *NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE 1
OUT-LINEF1 *COMPUTED PART USAGE ROUNDED DOWN.
OUT-LINEF1 1S
OUT-LINEF1 2L 27B *NOTE 2: LINE (2) + (5) + (7) = LINE (8)
OUT-LINEF1 5S

OUT-LINER2 TID-NO Y1 1
OUT-LINER2 TID-NOMN Y 1
OUT-LINER2 TCLASS Y2 2
OUT-LINER2 TCATEGORY Y3 3
OUT-LINER2 TNSN Y4 4
OUT-LINER2 TNSN-NOMN Y 4
OUT-LINER2 TFCT-USG Y 4
OUT-LINER2 TRND-USG Y 4
OUT-LINER2 TGOL-QTY Y 4
OUT-LINER2 TUNIT-PRC Y 4
OUT-LINER2 TSHRT-R Y 4
OUT-LINER2 TSHRT-D Y 4
OUT-LINER2 TSHRT-QTY Y 4
OUT-LINER2 TSHRT-CST Y 4
OUT-LINER2 TOVER-ZER Y 4
OUT-LINER2 TOVER-D Y 4
OUT-LINER2 TOVER-QTY Y 4
OUT-LINER2 TOVER-CST Y 4
OUT-LINEF2 49B *HQMC PROVISIONING REVIEW STUDY
OUT-LINEF2 52B *MOE COMPUTATION SHEET IY
OUT-LINEF2 48B *END ITEM DETAILED DATA (II MAF)
OUT-LINEF2 1S
OUT-LINEF2 F.DATEN 1978 *PAGE: 1 F.PAGE
OUT-LINEF2 2S
OUT-LINEF2 *ID NO: 1 T.ID-NO 1 , 1 T.ID-NOMN
OUT-LINEF2 1S
OUT-LINEF2 T.CLASS 1 WHICH WERE PROVISIONED (GOL) 1 T.CATEGORY
OUT-LINEF2 12B *** ERO USAGE IS ROUNDED DOWN ***
OUT-LINEF2 2S
OUT-LINEF2 6B *PREFEPPRE 11B *NSN 11B *.....E R O.....
OUT-LINEF2 2B *IIP 3B *UNIT 6B *.....S H O R T A G E S....
OUT-LINEF2 4B *.....O Y E R A G E S.....
OUT-LINEF2 9B *NSN 13B *NOMN 11B *FACTORED RND 3B
OUT-LINEF2 *GOL PRICE 5B *ENG DEP QTY NSN COST 4B
OUT-LINEF2 *NO-DML DEP QTY NSN COST
OUT-LINEF2 1S
OUT-LINEF2 3P
OUT-LINEF2 4L 2B T.NSN 2B T.NSN-NOMN
OUT-LINEF2 2B TOTAL T.FCT-USG#4
OUT-LINEF2 2B TOTAL T.FNI-USG#4
OUT-LINEF2 1B TOTAL T.GOL-QTY#4
OUT-LINEF2 1B TOTAL T.UNIT-PRC#4
OUT-LINEF2 4B TOTAL T.SHRT-F#4

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| | 48 | ANNEX I | | |
|------------|--------------|--|---------------------|---|
| OUT-LINE#2 | | | TOTAL T. SHFT-IE4 | |
| OUT-LINE#2 | 38 | | TOTAL T. SHFT-GTY#4 | |
| OUT-LINE#2 | 28 | | TOTAL T. SHFT-CST#4 | |
| OUT-LINE#2 | 68 | | TOTAL T. OVER-ZER#4 | |
| OUT-LINE#2 | 58 | | TOTAL T. OVER-IE4 | |
| OUT-LINE#2 | 38 | | TOTAL T. OVER-GTY#4 | |
| OUT-LINE#2 | 28 | | TOTAL T. OVER-CST#4 | |
| OUT-LINE#1 | ***** | | | |
| OUT-LINE#1 | * | | | * |
| OUT-LINE#1 | * | HEADQUARTERS, UNITED STATES MARINE CORPS | | * |
| OUT-LINE#1 | * | PROVISIONING POLICY REVIEW STUDY | | * |
| OUT-LINE#1 | * | | | * |
| OUT-LINE#1 | * | MOE SHEETS III + IV: (COL) | | * |
| OUT-LINE#1 | * | ERO USAGE ROUNDED DOWN (II MAF) | | * |
| OUT-LINE#1 | * | | | * |
| OUT-LINE#1 | ***** | | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | | ADJUSTED TWO MONTH ERO USAGE IS ROUNDED USING THE | | |
| OUT-LINE#1 | | STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST. | | |
| OUT-LINE#1 | | FOR EACH ID NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN | | |
| OUT-LINE#1 | | BY CONSUMABLE AND REPAIRABLE CLASSES INTO THE FOLLOWING | | |
| OUT-LINE#1 | | CATEGORIES: | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | 1) EVEN: | BOTH THE ROUNDED ERO USAGE AND | | |
| OUT-LINE#1 | | THE CONSIST COL QTY ARE THE | | |
| OUT-LINE#1 | | SAME AND GREATER THAN ZERO. | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | 2) OVERAGE: | THE ROUNDED ERO USAGE IS LESS | | |
| OUT-LINE#1 | | THAN THE CONSIST COL QUANTITY. | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | 3) SHORTAGE: | THE ROUNDED ERO USAGE IS GREATER | | |
| OUT-LINE#1 | | THAN THE CONSIST COL QUANTITY. | | |
| OUT-LINE#1 | | | | |
| OUT-LINE#1 | 4) ZEROS: | THE ROUNDED ERO USAGE AND THE | | |
| OUT-LINE#1 | | COL QTY ARE BOTH ZERO. | | |

ANNEX I

```

**TAPF=3
//14524012 JOB (6018,LP32,208,10), '41777 CHADWICK', TIME=5
//ROUTE PRINT LOCAL
//*****
// * * * PGM: R-MOE34E * * *
// *
// * THIS PROGRAM PRODUCES MOE COMPUTATION SHEET III (SEE FIGURE
// * 10). THIS 'B' VERSION ROUNDS ANY FRACTIONAL 2 MONTH ERO USAGE
// * LESS THAN 0.5 DOWN AND GREATER THAN 0.5 UP.
// *
// * SEE DESCRIPTION IN PGM: R-MOE34A
// *
// * INPUT FILES: 1. DSN=H0NC01.LP32.14524.CONSL1
// * FD: EXPDCONS
// *
// * 2. DSN=H0NC01.LP32.14524.ERO11
// * FD: ERO-SUBF
// *
// * OUTPUT FILES: NONE
// *
// *****
//SRT1 EXEC PGM=IERRC000, REGION=152K
//SORTLIB DD DSN=SYS1.SORTLIB, DISP=SHR
//SORTIN DD DSN=H0NC01.LP32.14524.CONSL1, DISP=OLD
//SORTWK01 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN)), SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN, SORTWK01)),
// SEP=(SORTIN, SORTWK01)
//SORTWK03 DD SPACE=(TRK,50), SEP=(SORTIN, SORTWK01, SORTWK02),
// UNIT=(SYSDA, SEP=(SORTIN, SORTWK01, SORTWK02))
//SORTOUT DD DSN=H0NC01.LP32.14524.CONSL1ST,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// ICB=(RECFM=FB, LRECL=183, BLKSIZE=5150),
// SPACE=(5150, (30,10), RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//SYSIN DD *
// SORT FIELDS=(64,13,CH,A,1,5,CH,A)
//
//SRT2 EXEC PGM=IERRC000, REGION=152K
//SORTLIB DD DSN=SYS1.SORTLIB, DISP=SHR
//SORTIN DD DSN=H0NC01.LP32.14524.ERO11, DISP=OLD
//SORTWK01 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN)), SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50), UNIT=(SYSDA, SEP=(SORTIN, SORTWK01)),
// SEP=(SORTIN, SORTWK01)
//SORTWK03 DD SPACE=(TRK,50), SEP=(SORTIN, SORTWK01, SORTWK02),
// UNIT=(SYSDA, SEP=(SORTIN, SORTWK01, SORTWK02))
//SORTOUT DD DSN=H0NC01.LP32.14524.EROUK1,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// ICB=(RECFM=FB, LRECL=90, BLKSIZE=900),
// SPACE=(TRK, (150,20), RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//SYSIN DD *
// SORT FIELDS=(51,13,CH,A,33,5,CH,A)
//
//STEP EXEC PGM=JCL, DEPT=USER

```

```

//EXT.M4GLD ID DSN=HQMCI.LPS2.14524.ERQWK1.DISP=OLD ANNEX I
//EXT.M4SUBF1 ID DSN=HQMCI.LPS2.14524.ERQWK2,
//      DISP=(,PASS,DELETE),
//      UNIT=SYSRA,
//      ICB=(FECN=FE,LRECL=50,BLKSIZE=900),
//      SPACE=(TRK,(156,20),RLSE)
//EXT.M4INPUT ID *
STPI    RCERC-SUBFS 0 5 8
STPI    RFERCSUBF SM4SUBF1
STPI    AA    SCANIATA JOB: LPS2DLC (895)
STPI    AA
STPI    AA    THIS STEP AGGREGATES DUPLICATE PMSN/ID NUMBER PAIRS
STPI    AA    THE ERO SUBFILE MUST BE SORTED BY PMSN / ID.
STPI    AA
ERO-DUPSSERTODAY
ERO-DUPSPR      PMSN      EQTFART-MSH
ERO-DUPSPR      A ID-NO      EQTID-NO
ERO-DUPSPR      NS 586
ERO-DUPSA      SAME PMSN/ID AS LAST RECORD
ERO-DUPSA
ERO-DUPSPR      ADJ-QTY / D8.00      TTEMPQTY
ERO-DUPSPR      TTEMPQTY + TADJ-QTY      TADJ-QTY
ERO-DUPSPR      GO END
ERO-DUPSA
ERO-DUPSA      DIFFERENT PMSN/ID PAIR
ERO-DUPSA
ERO-DUPSPR300      GO SUB OUT-RECD
ERO-DUPSPR310      R PMSN      TPART-MSH
ERO-DUPSPR320      R PARTQUAL      TPARTQUAL
ERO-DUPSPR330      R MORS      TNORS
ERO-DUPSPR340      R ID-NO      TID-NO
ERO-DUPSPR350      R SER-NO      TSER-NO
ERO-DUPSPR360      R QTY      TQTY
ERO-DUPSPR380      ADJ-QTY / D8.00      TADJ-QTY
ERO-DUPSPR390      GO END
ERO-DUPSTFPART-MSH 13
ERO-DUPSTFPARTQUAL 1
ERO-DUPSTFTADJ-QTY 822
ERO-DUPSTFNORS 1
ERO-DUPSTFDATEDIFF 42
ERO-DUPSTFERO 5
ERO-DUPSTFID-NO 6
ERO-DUPSTFSER-NO 18
ERO-DUPSTFQTY 22
ERO-DUPSTFTEMPQTY 822
OUT-RECORDER
OUT-RECIPR      TPART-MSHNEC
OUT-RECIPR      NS END
OUT-RECIPR      CODE      EQCR
OUT-RECIPR      NS 106
OUT-RECIPR      TADJ-QTY / D2.0      TADJ-QTY
OUT-RECIPR100      TADJ-QTY LEID.01
OUT-RECIPR110      NS OUTPUT
OUT-RECIPR120      R ID.01      TADJ-QTY
OUT-RECIE1      NF EROSUBF 106
OUT-RECIE1      TPART-MSH 1 1
OUT-RECIE1      TPARTQUAL
OUT-RECIE1      TADJ-QTY

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ANNEX I

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OUT-RECIR1      TNCRS
OUT-RECIR1      TDATEDIFF
OUT-RECIR1      TEFC
OUT-RECIR1      TII-NO      2
OUT-RECIR1      TISER-NO
OUT-RECIR1      TQTY
OUT-RECIR1      TPART-NSH
OUT-RECIR1      ERO-TYPE
OUT-RECIR1      U/P
OUT-RECIR1      CODE
OUT-RECIR1      NOKEN
OUT-RECIT1      ERO SUBFILE SORTED BY PSH THEN ID-NO W/O DUFS#
/*
//STP2 EXEC MARKIV,DEPT=USER
//EXT.MAREPO DD UNIT=2400-3
//EXT.M4OLD DD DSN=HQMCI.LPS2.14524.EROWK2,DISP=OLD
//EXT.M4CORD1 DD DSN=HQMCI.LPS2.14524.CONSLIST,DISP=OLD
//EXT.MAINPUT DD *
STP2      RCERO-SUBFS E      S      #
STP2      RFEXPDCONSSH4CORD1 PSH      ID-NO      U
STP2      AA      BOTH THE ERO AND CONS ASSUMED SORTED BY:
STP2      AA      (PSH / ID-NO / CODE)
CONS-EROCRTODAY
CONS-EROPR      RECORD      EQCL
CONS-EROPR      NS 300
CONS-EROGAA
CONS-EROGAA      NSH IN CONSLIST BUT NO ERO USAGE INDICATED
CONS-EROGAA
CONS-EROPR      R D0
CONS-EROPR      R D0
CONS-EROPR      R D1
CONS-EROPR      1GOL-QTY GTD0
CONS-EROPR      --- NS 400
CONS-EROPR      R D1
CONS-EROPR      GD 400
CONS-EROPR300      RECORD      EROH
CONS-EROPR310      NS 700
CONS-EROPR312      R CY
CONS-EROGAA
CONS-EROGAA      NSH IS IN CONSLIST AND DOES HAVE ERO USAGE
CONS-EROGAA
CONS-EROGAA
CONS-EROPR314      R D1
CONS-EROPR315      1GOL-QTY GTD0
CONS-EROPR316      NS 320
CONS-EROPR317      R D1
CONS-EROGAA
CONS-EROGAA      *** ROUNDING CONVENTION ***
CONS-EROGAA
CONS-EROGAA      THIS VERSION OF MOE SHEETS 384 FOUNDS PARTS USAGE LESS
CONS-EROGAA      THAN 0.5 DOWN TO THE NEXT LOWEST INTEGER.
CONS-EROGAA
CONS-EROPR320      R      ADJ-QTY
CONS-EROPR325      TFCT-USG + 10.5
CONS-EROPR330      TRND-USG + 11
CONS-EROGAA
CONS-EROGAA      THE FOLLOWING APPLIES IF THE NSH IS IN THE CONSLIST AT ALL
CONS-EROGAA
CONS-EROPR400      R 11D-NO

```

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TFCT-USG
TRND-INT
TIIP-CNT

TGOL-CNT

TRATCHSV

TIIP-CNT

TGOL-CNT

TFCT-USG
TFNI-USG
TFNI-INT

TID-NO

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|--------------|-------------|---------|-----------|
| CONS-ERCP405 | R 1C0YE | ANNEX I | TCODE |
| CONS-ERCP410 | R 1FN5H | | TNSH 1130 |
| CONS-ERCP420 | R 1GOL-QTY | | TGOL-QTY |
| CONS-ERCP430 | R 1UNIT-PRC | | TUNIT-PRC |
| CONS-ERCP440 | R 1NOMN | | TNSH-NOMN |
| CONS-ERCP450 | GO 990 | | |

CONS-ERCAA
CONS-ERCAA NSN HAS ERO USAGE BUT IS NOT IN .CONSLIST
CONS-ERCAA
CONS-ERCP700 TMATCHSW EQCY

| | | |
|--|---|-----------|
| CONS-ERCP710 | NS 000 | |
| CONS-ERCP720 | R CH | TMATCHSW |
| CONS-ERCP730 | GO END | |
| CONS-ERCP800 | R D0 | TGOL-QTY |
| CONS-ERCAA *** ROUNDING CONVENTION *** | | |
| CONS-ERCP810 | R ADJ-QTY | TFCT-USG |
| CONS-ERCP815 | TFCT-USG + D0.5 | TRND-USG |
| CONS-ERCP820 | TRND-USG * D1 | TRND-INT |
| CONS-ERCP830 | R ID-NO | TID-NO |
| CONS-ERCP835 | R CODE | TCODE |
| CONS-ERCP840 | R PART-NSH | TNSH |
| CONS-ERCP850 | R NOMN | TNSH-NOMN |
| CONS-ERCP860 | U/P * D1 | TUNIT-PRC |
| CONS-ERCAA | | |
| CONS-ERCAA | THE FOLLOWING COMPUTATIONS APPLY FOR ALL OUTPUT LINES | |
| CONS-ERCAA | | |
| CONS-ERCP900 | TID-NO TLLPROV-ID | TID-NOMN |
| CONS-ERCP900 | R CONSUMABLES | TCLASS |
| CONS-ERCP904 | TCODE EQCR | |
| CONS-ERCP906 | NS 900 | |
| CONS-ERCP907 | R CREPAIRABLES | TCLASS |
| CONS-ERCP908 | TRND-INT * D1 | TRND-USG |
| CONS-ERCAA | | |
| CONS-ERCAA | IF GOL AND ERO USAGE ARE **EVEN** | |
| CONS-ERCAA | | |
| CONS-ERCP910 | TRND-USG E2TGOL-QTY | |
| CONS-ERCP911 | NS 920 | |
| CONS-ERCP912 | TRND-USG E0D0 | |
| CONS-ERCP913 | NS 916 | |
| CONS-ERCP914 | R CZEROS | TCATEGORY |
| CONS-ERCP915 | GO 990 | |
| CONS-ERCP916 | R CEVEN | TCATEGORY |
| CONS-ERCP917 | R D1 | TEVEN-CHT |
| CONS-ERCP918 | GO 990 | |
| CONS-ERCAA | | |
| CONS-ERCAA | IF GOL IS **OVER** ROUNDED USAGE | |
| CONS-ERCAA | | |
| CONS-ERCP920 | TRND-USG LTTGOL-QTY | |
| CONS-ERCP922 | NS 950 | |
| CONS-ERCP924 | R COVER | TCATEGORY |
| CONS-ERCP926 | TGOL-QTY - TRND-USG | TOVER-QTY |
| CONS-ERCP928 | TOVER-QTY* TUNIT-PRC | TOVER-CST |
| CONS-ERCP930 | R D1 | TOVER-D |
| CONS-ERCP932 | TFCT-USG E0D0 | |
| CONS-ERCP934 | NS 990 | |
| CONS-ERCP936 | R D1 | TOVER-ZER |
| CONS-ERCP940 | GO 990 | |

ANNEX I

```

CONS-ERDAA
CONS-ERDAA IF GOL IS *SHORT* OF ACCOUNT USAGE
CONS-ERDAA
CONS-ERDPR956 TRHD-USG GTTOL-QTY
CONS-ERDPR952 NS END
CONS-ERDPR954 R CSHORT TCATEGORY
CONS-ERDPR956 TRHD-USG - TCOL-QTY TSHRT-QTY
CONS-ERDPR956 TSHRT-QTY* TUNIT-PRC TSHRT-CST
CONS-ERDPR956 TCOL-QTY EQDE
CONS-ERDPR952 NS 968
CONS-ERDPR954 R D1 TSHRT-R
CONS-ERDPR956 GO 996
CONS-ERDPR956 R D1 TSHRT-D
CONS-ERDPR976 GO 996
CONS-ERDPR990 GO SUE OUT-LINE
CONS-ERDPR995 GO END

CONS-ERDTFCATEGORY 5 PROVISIONING CATEGORY
CONS-ERDTFCT-USG 922 FACTORED ERO USAGE
CONS-ERDTFRNT-USG 522 ROUNDED ERO USAGE
CONS-ERDTFRND-INT 52 0 INTEGER ROUNDING
CONS-ERDTFGOL-QTY 52 GOL PROV QTY
CONS-ERDTFNSH 13 NSH
CONS-ERDTFNSH-NOMH 19 NSH NOMH
CONS-ERDTFUNIT-PRC 1222 UNIT PRICE
CONS-ERDTFSHRT-R 42 SHORTAGE RANGE
CONS-ERDTFSHRT-D 42 SHORTAGE DEPTH
CONS-ERDTFSHRT-QTY 42 SHORTAGE QTY
CONS-ERDTFSHRT-CST 1222 SHORTAGE COST
CONS-ERDTFOVER-ZER 42 PROVISIONED W/ZERO DEMAND
CONS-ERDTFOVER-D 42 OVERAGE DEPTH
CONS-ERDTFOVER-QTY 42 OVERAGE QTY
CONS-ERDTFOVER-CST 1222 OVERAGE COST
CONS-ERDTFEVEN-CNT 52 0 EVEN COUNTER
CONS-ERDTFIIF-CNT 52 0 IIF COUNTER
CONS-ERDTFGOL-CNT 52 0 GOL COUNTER
CONS-ERDTFCODE 10 CONS/RPRL CODE
CONS-ERDTFCCLASS 120 CONS/RPRL LABEL
CONS-ERDTFID-NO 5
CONS-ERDTFID-NOMH 960

OUT-LINEER 5
OUT-LINEPR TID-NO EQDE 1 1
OUT-LINEE1Y
OUT-LINER1 TID-NO Y1 1
OUT-LINER1 TID-NOMH Y 1
OUT-LINER1 TCLASS Y2 2
OUT-LINER1 TSHRT-R Y 2 000000.00
OUT-LINER1 TSHRT-D Y 2 000000.00
OUT-LINER1 TSHRT-CST Y 2 000000.00
OUT-LINER1 TOVER-ZER Y 2 000000.00
OUT-LINER1 TOVER-D Y 2 000000.00
OUT-LINER1 TOVER-CST Y 2 000000.00
OUT-LINER1 TEVEN-CNT Y 2 000000.00
OUT-LINER1 TCOL-CNT Y 2 000000.00
OUT-LINER1 TIIF-CNT Y 2 000000.00
OUT-LINER1 499 AMONG PROVISIONING RELATED STUDIES 00
OUT-LINER1 528 WIDE COMPUTATION SHEET 1116 00
OUT-LINER1 595 WENT ITEM SUMMARIES (11 MAP) 00
OUT-LINER1 15
OUT-LINER1 F.DATES 1075 4PAGE: 6 F.PAGES 00

```

ANNEX I

| | | | | | |
|------------|----|--|--|-------------|----|
| OUT-LINE#1 | 2S | | | | |
| OUT-LINE#1 | 2P | | | | |
| OUT-LINE#1 | 2L | #ID NO: | # T.ID-NO# | # T.ID-NOM# | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | T.CLASS# | | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 12B | #SHORTAGES: (1) NUMBER OF NSNS WHICH HAD A # | | |
| OUT-LINE#1 | | | #ROUNDED 2 NO. ERO USAGE GREATER THAN ZERO.# | | |
| OUT-LINE#1 | | | 8B TOTAL T.SHRT-R#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #BUT WHICH HAD NO GOL PROVISIONED:# | | |
| OUT-LINE#1 | | | # (LABEL: RANGE - 'RNG')# | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 22B | #(2) NUMBER OF NSNS WHICH HAD GOL PROVISIONED, # | | |
| OUT-LINE#1 | | | # BUT HAD A ROUNDED 2 NO. ERO# | | |
| OUT-LINE#1 | | | 8B TOTAL T.SHRT-D#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #USAGE IN EXCESS OF THE GOL PROV. QTY:# | | |
| OUT-LINE#1 | | | # (LABEL: DEPTH - 'DEP')# | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 22B | #(3) TOTAL DOLLAR VALUE OF THE DIFFERENCE # | | |
| OUT-LINE#1 | | | #BETWEEN THE 2 NO. ERO USAGE AND# | | |
| OUT-LINE#1 | | | 9B TOTAL T.SHRT-CST#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #THE GOL PROV. QTY (WHEN USAGE IS GREATER):# | | ## |
| OUT-LINE#1 | 2S | | | | |
| OUT-LINE#1 | 2L | 12B | #OVERAGES: (4) NUMBER OF NSNS WHICH HAD # | | |
| OUT-LINE#1 | | | #A POSITIVE GOL PROV. QTY, BUT HAD ZERO# | | |
| OUT-LINE#1 | | | 14B TOTAL T.OVER-ZERO#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND # | | |
| OUT-LINE#1 | | | #- 'NO DMD')# | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 22B | #(5) NUMBER OF NSNS IN WHICH THE GOL PROV. QTY# | | |
| OUT-LINE#1 | | | # IS GREATER THAN THE 2 NO.# | | |
| OUT-LINE#1 | | | 10B TOTAL T.OVER-I#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP')# | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 22B | #(6) TOTAL DOLLAR VALUE OF THE DIFFERENCE # | | |
| OUT-LINE#1 | | | #BETWEEN THE GOL PROV. QTY AND# | | |
| OUT-LINE#1 | | | 11B TOTAL T.OVER-CST#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #THE 2 NO. ROUNDED ERO USAGE (WHEN USAGE # | | |
| OUT-LINE#1 | | | #IS LESS):# | | ## |
| OUT-LINE#1 | 2S | | | | |
| OUT-LINE#1 | 2L | 10B | #EVEN: # 7B #(7) NUMBER OF NSNS IN WHICH THE # | | |
| OUT-LINE#1 | | | #GOL PROV QTY AND THE 2 NO. ROUNDED ERO# | | |
| OUT-LINE#1 | | | 11B TOTAL T.EVEN-CNT#2 | | ## |
| OUT-LINE#1 | 2L | 27B | #ARE THE SAME (NOT EQUAL TO ZERO):# | | ## |
| OUT-LINE#1 | 2S | | | | |
| OUT-LINE#1 | 2L | 10B | #CONSLIST: (8) NUMBER OF NSNS FOR WHICH GOL # | | |
| OUT-LINE#1 | | | #WAS PROVISIONED:# 32B TOTAL T.GOL-CNT#2 | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 22B | #(9) TOTAL NUMBER OF NSNS PROVISIONED # | | |
| OUT-LINE#1 | | | #(IIP):# 35B TOTAL T.IIP-CNT#2 | | ## |
| OUT-LINE#1 | 5S | | | | |
| OUT-LINE#1 | 2L | 27B | #NOTE 1: 2 NO. ROUNDED ERO USAGE IS THE # | | |
| OUT-LINE#1 | | | #COMPUTED PART USAGE (.5+) ROUNDED UP.# | | ## |
| OUT-LINE#1 | 1S | | | | |
| OUT-LINE#1 | 2L | 27B | #NOTE 2: LINE (2) + (5) + (7) = LINE (3) # | | ## |
| OUT-LINE#1 | | | ***** | | |
| OUT-LINE#1 | * | | | | ## |
| OUT-LINE#1 | * | HEADQUARTERS, UNITED STATES MARINE CORPS | | | ## |
| OUT-LINE#1 | * | PROVISIONING POLICY REVIEW STUDY | | | ## |

Figure 10 (6 of 7)

[illegible][illegible]

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1) EVEN: BOTH THE ROUNDED ERO USAGE AND THE CONSLIST GOL QTY ARE THE SAME AND GREATER THAN ZERO.
2) OVERAGE: THE ROUNDED ERO USAGE IS LESS THAN THE CONSLIST GOL QUANTITY.
3) SHORTAGE: THE ROUNDED ERO USAGE IS GREATER THAN THE CONSLIST GOL QUANTITY.
4) ZEROS: THE ROUNDED ERO USAGE AND THE GOL QTY ARE BOTH ZERO.

```

## ANNEX I

```

**TAPE=3
//14524012 JOB (681P,LMP3,200,10), '41777 CHADWICK', TIME=5
//ROUTE PRINT LOCAL
/** *****
/** *
/** *
/** * * * * PGM: R-MOE34C * * *
/** *
/** * THIS PROGRAM PRODUCES MOE COMPUTATION SHEETS III AND IV
/** * (SEE FIGURE 11). THIS 'C' VERSION ROUNDS ANY FRACTIONAL 2 MONTH
/** * ERO USAGE LESS THAN 0.15 DOWN AND GREATER THAN 0.15 UP.
/** *
/** * SEE DESCRIPTION IN PGM: R-MOE34A
/** *
/** *
/** * INPUT FILES: 1. DSN=HQMCI.LPS2.14524.CONSI1
/** * FD: EXPDCONS
/** *
/** * 2. DSN=HQMCI.LPS2.14524.ERO11
/** * FD: ERO-SUBF
/** *
/** * OUTPUT FILES: NONE
/** *
/** *****

//SORTIN DD DSN=HQMCI.LPS2.14524.CONSI1,DISP=OLD
//SORTWK01 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN)),SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN,SORTWK01)),
// SEP=(SORTIN,SORTWK01)
//SORTWK03 DD SPACE=(TRK,50),SEP=(SORTIN,SORTWK01,SORTWK02),
// UNIT=(SYSDA,SEP=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD DSN=HQMCI.LPS2.14524.CONSLIST,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB,LRECL=103,BLKSIZE=5150),
// SPACE=(5150,(30,10),RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//SYSIN DD *
// SORT FIELDS=(64,13,CH,A,1,6,CH,A)
//*

//SORT EXEC PGM=IEFAC000,REGION=150K
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
//SORTIN DD DSN=HQMCI.LPS2.14524.ERO11,DISP=OLD
//SORTWK01 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN)),SEP=SORTIN
//SORTWK02 DD SPACE=(TRK,50),UNIT=(SYSDA,SEP=(SORTIN,SORTWK01)),
// SEP=(SORTIN,SORTWK01)
//SORTWK03 DD SPACE=(TRK,50),SEP=(SORTIN,SORTWK01,SORTWK02),
// UNIT=(SYSDA,SEP=(SORTIN,SORTWK01,SORTWK02))
//SORTOUT DD DSN=HQMCI.LPS2.14524.EROWK1,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB,LRECL=50,BLKSIZE=900),
// SPACE=(TRK,(100,20),RLSE)
//SYSPRINT DD SYSOUT=A
//SYSOUT DD SYSOUT=A
//SYSIN DD *
// SORT FIELDS=(51,13,CH,A,33,6,CH,A)
//*

```

Figure 11 (1 of 8)

# ANNEX I

```

//STEP2 EXEC PARKIV,DEFT=USER
//EXT.M4OLD IF DSN=HQMCI.LPS2.I4524.EROWK1,DISP=OLD
//EXT.M4SUBF1 ID ISN=HQMCI.LPS2.I4524.EROWK2,
// DISP=(,PASS,DELETE),
// UNIT=SYSDA,
// DCB=(RECFM=FB,LRECL=90,BLKSIZE=900),
//
// SPACE=(TRK,(156,26),RLSE)
//EXT.M4INPUT DD *
STP1 RCERO-SUBFS U S #
STP1 RPEROSUBF SM4SUBF1

STP1 AA SCANDATA JOB: LPS2ILC (896)
STP1 AA
STP1 AA THIS STEP AGGREGATES DUPLICATE PMSN/ID NUMBER PAIRS
STP1 AA THE ERO SUBFILE MUST BE SORTED BY PMSN / ID.
STP1 AA
ERO-DUPERTODAY
ERO-DUPSPR PMSN EQTPART-NSN
ERO-DUPSPR A ID-NO ERTID-NO
ERO-DUPSPR NS 506
ERO-DUPSAA
ERO-DUPSAA SAME PMSN/ID AS LAST RECORD
ERO-DUPSAA
ERO-DUPSPR ADJ-QTY / DS.06
ERO-DUPSPR TTEMPQTY + TADJ-QTY
ERO-DUPSPR GO END
ERO-DUPSAA
ERO-DUPSAA DIFFERENT PMSN/ID PAIR
ERO-DUPSAA
ERO-DUPSPR508 GO SUB OUT-RECD
ERO-DUPSPR518 R PMSN
ERO-DUPSPR528 R PARTQUAL
ERO-DUPSPR538 R NORS
ERO-DUPSPR548 R ID-NO
ERO-DUPSPR558 R SER-NO
ERO-DUPSPR568 R QTY
ERO-DUPSPR588 ADJ-QTY / DS.06
ERO-DUPSPR598 GO END
ERO-DUPSTFPART-NSN 13
ERO-DUPSTFPARTQUAL 1
ERO-DUPSTFADJ-QTY 822
ERO-DUPSTFNORS 1
ERO-DUPSTFIATEDIFF 42
ERO-DUPSTFERO 5
ERO-DUPSTFID-NO 6
ERO-DUPSTFSEA-NO 10
ERO-DUPSTFQTY 22
ERO-DUPSTFTEMPQTY 822
OUT-RECIEP
OUT-RECIEP TPART-NSNNEC
OUT-RECIEP NS END
OUT-RECIEP CODE EQCR
OUT-RECIEP NS 106
OUT-RECIEP TADJ-QTY / DS.06
OUT-RECIEP106 TADJ-QTY LE16.21
OUT-RECIEP118 NS OUTPUT
OUT-RECIEP126 F DS.01
OUT-RECIEP1 NA EROSUBF 106

```

Figure 11 (2 of 8)

## ANNEX 1

```

OUT-RECIR1 TPART-NSN 1 1
OUT-RECIR1 TFCT-NSN
OUT-RECIR1 TAIL-NTY
OUT-RECIR1 TNOFF
OUT-RECIR1 TITESTIFF
OUT-RECIR1 TEND
OUT-RECIR1 TII-NO 2
OUT-RECIR1 TSER-NO
OUT-RECIR1 TQTY
OUT-RECIR1 TPART-NSN
OUT-RECIR1 ERO-TYPE
OUT-RECIR1 U/P
OUT-RECIR1 CODE
OUT-RECIR1 NOMEN
OUT-RECIT1 ERO SUBFILE SORTED BY PMSN THEN ID-NO W/O DUPLS
/*
//STP2 EXEC MARKIV,DEPT=USER
//EXT.M4REPO DD UNIT=2400-3
//EXT.M4GLD DD DSN=HQMCI.LPS2.14524.ERONK2,DISP=OLD
//EXT.M4CORD1 DD DSN=HQMCI.LPS2.14524.CONSLIST,DISP=OLD
//EXT.M4INPUT DD *
STP2 RCERO-SUBFS E S #
STP2 RFEXPDCONSSM4CORD1 PMSN ID-NO U
STP2 AA BOTH THE ERO AND CONS ASSUMED SORTED BY:
STP2 AA (PMSN / ID-NO / CODE)
CONS-ERCERTODAY
CONS-EROPR RECORD EQCL
CONS-EROPR NS 300
CONS-ERCAA
CONS-ERCAA NSN IN CONSLIST BUT NO ERO USAGE INDICATED
CONS-EROPR R D0
CONS-EROPR R D0
CONS-EROPR R D1
CONS-EROPR 1GOL-QTY GTDE
CONS-EROPR NS 400
CONS-EROPR R D1
CONS-EROPR GO 400
CONS-EROPR300 RECORD EQCM
CONS-EROPR310 NS 700
CONS-EROPR312 R CY
CONS-ERCAA
CONS-ERCAA NSN IS IN CONSLIST AND DOES HAVE ERO USAGE
CONS-ERCAA
CONS-ERCAA
CONS-EROPR314 R D1
CONS-EROPR315 1GOL-QTY GTDE
CONS-EROPR316 NS 320
CONS-EROPR317 R D1
CONS-ERCAA
CONS-ERCAA *** ROUNDING CONVENTION ***
CONS-ERCAA
CONS-ERCAA PART USAGE LESS THAN 0.15 IS ROUNDED DOWN TO THE NEXT
CONS-ERCAA LOWEST INTEGER.
CONS-ERCAA
CONS-EROPR320 R ADJ-QTY
CONS-EROPR325 TFCT-USG + 10.05
CONS-EROPR330 TRND-USG + 11
CONS-ERCAA

```

CONS-ERCAA THE FOLLOWING APPLIES IF THE NSN IS IN THE CONSLIST AT ALL

|               |             |         |           |
|---------------|-------------|---------|-----------|
| CONS-ERCAA    |             |         |           |
| CONS-ERCPA400 | R 11D-NO    | ANNEX I | TID-NO    |
| CONS-ERCPA405 | R 1CODE     |         | TCODE     |
| CONS-ERCPA410 | R 1PNSN     |         | TNSN 113E |
| CONS-ERCPA420 | R 1GOL-QTY  |         | TGOL-QTY  |
| CONS-ERCPA430 | R 1UNIT-PRC |         | TUNIT-PRC |
| CONS-ERCPA440 | R 1NOMEN    |         | TNSN-NOMN |
| CONS-ERCPA450 | GO 900      |         |           |

CONS-ERCAA

CONS-ERCAA NSN HAS ERO USAGE BUT IS NOT IN CONSLIST

CONS-ERCAA

|               |          |                     |           |
|---------------|----------|---------------------|-----------|
| CONS-ERCPA700 | TMATCHSW | EQCY                |           |
| CONS-ERCPA710 |          | NS 800              |           |
| CONS-ERCPA720 |          | R CN                | TMATCHSW  |
| CONS-ERCPA730 |          | GO END              |           |
| CONS-ERCPA800 |          | R D0                | TGOL-QTY  |
| CONS-ERCAA    | ***      | ROUNDING CONVENTION | ***       |
| CONS-ERCPA810 |          | R ADJ-QTY           | TFCT-USG  |
| CONS-ERCPA815 | TFCT-USG | + D0.85             | TRND-USG  |
| CONS-ERCPA820 | TRND-USG | * D1                | TRND-INT  |
| CONS-ERCPA830 |          | R ID-NO             | TID-NO    |
| CONS-ERCPA835 |          | R CODE              | TCODE     |
| CONS-ERCPA840 |          | R PART-NSN          | TNSN      |
| CONS-ERCPA850 |          | R NOMEN             | TNSN-NOMN |
| CONS-ERCPA860 | U/P      | * D1                | TUNIT-PRC |

CONS-ERCAA

CONS-ERCAA THE FOLLOWING COMPUTATIONS APPLY FOR ALL OUTPUT LINES

CONS-ERCAA

|               |          |                |          |
|---------------|----------|----------------|----------|
| CONS-ERCPA900 | TII-NO   | TLLPROV-ID     | TID-NOMN |
| CONS-ERCPA902 |          | R CONSUMABLES  | TCLASS   |
| CONS-ERCPA904 | TCODE    | EQCR           |          |
| CONS-ERCPA906 |          | NS 906         |          |
| CONS-ERCPA907 |          | R CREPAIRABLES | TCLASS   |
| CONS-ERCPA908 | TRND-INT | * D1           | TRND-USG |

CONS-ERCAA

CONS-ERCAA IF GOL AND ERO USAGE ARE \*\*EVEN\*\*

CONS-ERCAA

|               |          |            |           |
|---------------|----------|------------|-----------|
| CONS-ERCPA910 | TRND-USG | EQTGOL-QTY |           |
| CONS-ERCPA911 |          | NS 920     |           |
| CONS-ERCPA912 | TRND-USG | EQIE       |           |
| CONS-ERCPA913 |          | NS 916     |           |
| CONS-ERCPA914 |          | R CZERDS   | TCATEGORY |
| CONS-ERCPA915 |          | GO 990     |           |
| CONS-ERCPA916 |          | R CEVEN    | TCATEGORY |
| CONS-ERCPA917 |          | R D1       | TEVEN-CNT |
| CONS-ERCPA918 |          | GO 990     |           |

CONS-ERCAA

CONS-ERCAA IF GOL IS \*\*OVER\*\* ROUNDED USAGE

CONS-ERCAA

|               |           |            |           |
|---------------|-----------|------------|-----------|
| CONS-ERCPA920 | TRND-USG  | LT1GOL-QTY |           |
| CONS-ERCPA922 |           | NS 950     |           |
| CONS-ERCPA924 |           | R COVER    | TCATEGORY |
| CONS-ERCPA926 | TGOL-QTY  | - TRND-USG | TOVER-QTY |
| CONS-ERCPA928 | TOVER-QTY | TUNIT-PRC  | TOVER-CNT |
| CONS-ERCPA930 |           | R I1       | TOVER-I   |
| CONS-ERCPA932 | TFCT-USG  | EQIE       |           |

CONS-ERCPA934 NS 990

# ANNEX I

|                    |                                      |                             |
|--------------------|--------------------------------------|-----------------------------|
| CONS-EROPR936      | R D1                                 | TOVER-ZER                   |
| CONS-EROPR940      | GO 990                               |                             |
| CONS-ERCAA         |                                      |                             |
| CONS-ERCAA         | IF GOL IS **SHORT** OF ROUNDED USAGE |                             |
| CONS-ERCAA         |                                      |                             |
| CONS-EROPR950      | TRFD-USG GTTOL-QTY                   |                             |
| CONS-EROPR952      | NS END                               |                             |
| CONS-EROPR954      | R CSHORT                             | TCATEGORY                   |
| CONS-EROPR956      | TRFD-USG - TCOL-QTY                  | TSHRT-QTY                   |
| CONS-EROPR958      | TSHRT-QTY* TUNIT-PRC                 | TSHRT-CST                   |
| CONS-EROPR960      | TCOL-QTY EQRE                        |                             |
| CONS-EROPR962      | NS 960                               |                             |
| CONS-EROPR964      | R D1                                 | TSHRT-R                     |
| CONS-EROPR966      | GO 990                               |                             |
| CONS-EROPR968      | R D1                                 | TSHRT-D                     |
| CONS-EROPR970      | GO 990                               |                             |
| CONS-EROPR990      | GO SUB OUT-LINE                      |                             |
| CONS-EROPR995      | GO END                               |                             |
| CONS-ERCTFCATEGORY | 5                                    | PROVISIONING CATEGORY       |
| CONS-ERCTFFCT-USG  | 822                                  | FACTORED ERO USAGE          |
| CONS-ERCTFRNT-USG  | 522                                  | ROUNDED ERO USAGE           |
| CONS-ERCTFRNT-INT  | 52 0                                 | INTEGER ROUNDING            |
| CONS-ERCTFGOL-QTY  | 52                                   | GOL PROV QTY                |
| CONS-ERCTFNSH      | 13                                   | NSH                         |
| CONS-ERCTFNSH-NOMN | 19                                   | NSH NOMEN                   |
| CONS-ERCTFUNIT-PRC | 1222                                 | UNIT PRICE                  |
| CONS-ERCTFSHRT-R   | 42                                   | SHORTAGE RANGE              |
| CONS-ERCTFSHRT-D   | 42                                   | SHORTAGE DEPTH              |
| CONS-ERCTFSHRT-QTY | 42                                   | SHORTAGE QTY                |
| CONS-ERCTFSHRT-CST | 1222                                 | SHORTAGE COST               |
| CONS-ERCTFOVER-ZER | 42                                   | PROVISIONED 1/2 ZERO DEPEND |
| CONS-ERCTFOVER-D   | 42                                   | OVERAGE DEPTH               |
| CONS-ERCTFOVER-QTY | 42                                   | OVERAGE QTY                 |
| CONS-ERCTFOVER-CST | 1222                                 | OVERAGE COST                |
| CONS-ERCTFEVEN-CNT | 52 0                                 | EVEN COUNTER                |
| CONS-ERCTFIIP-CNT  | 52 0                                 | IIP COUNTER                 |
| CONS-ERCTFGOL-CNT  | 52 0                                 | GOL COUNTER                 |
| CONS-ERCTFCOTE     | 10                                   | CONS/RPRL CODE              |
| CONS-ERCTFCCLASS   | 120                                  | CONS/RPRL LABEL             |
| CONS-ERCTFID-NO    | 6                                    |                             |
| CONS-ERCTFII-NOMN  | 980                                  |                             |
| OUT-LINEER         |                                      | S                           |
| OUT-LINEPR         | TII-NO EQCE                          | 1 1                         |
| OUT-LINEE1Y        |                                      |                             |
| OUT-LINER1         | TID-NO Y1 1                          |                             |
| OUT-LINER1         | TII-NOMN Y 1                         |                             |
| OUT-LINER1         | TCLASS Y2 2                          |                             |
| OUT-LINER1         | TSHRT-R Y 2                          | EQRENS.88                   |
| OUT-LINER1         | TSHRT-I Y 2                          | EQRENS.88                   |
| OUT-LINER1         | TSHRT-CST Y 2                        | EQRENS.88                   |
| OUT-LINER1         | TOVER-ZER Y 2                        | EQRENS.88                   |
| OUT-LINER1         | TOVER-D Y 2                          | EQRENS.88                   |
| OUT-LINER1         | TOVER-CST Y 2                        | EQRENS.88                   |
| OUT-LINER1         | TEVEN-CNT Y 2                        | EQRENS.88                   |
| OUT-LINER1         | TCOL-CNT Y 2                         | EQRENS.88                   |
| OUT-LINER1         | FIIP-CNT Y 2                         | EQRENS.88                   |
| OUT-LINER1         | 455 ARDNC PROVISIONING REVIEW STUDY  | 11                          |
| OUT-LINER1         | 520 ARDNC COMPUTATION SHEET 1111     | 11                          |
| OUT-LINER1         | 500 ARDNC ITEM SUMMARIES (11 MAR)    | 11                          |

|            |    |     |                                                 |    |
|------------|----|-----|-------------------------------------------------|----|
|            |    |     | ANNEX I                                         |    |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 18B | #SHORTAGES: (1) NUMBER OF NSNS WHICH HAD A #    |    |
| OUT-LINE#1 |    |     | #ROUNDED 2 MO. ERO USAGE GREATER THAN ZERO.#    |    |
| OUT-LINE#1 |    |     | 8B TOTAL T.SHRT-FW2                             | 88 |
| OUT-LINE#1 | 2L | 27B | #BUT WHICH HAD NO GOL PROVISIONED.#             |    |
| OUT-LINE#1 |    |     | # (LABEL: RANGE - 'RNG')#                       | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 22B | #(2) NUMBER OF NSNS WHICH HAD GOL PROVISIONED,# |    |
| OUT-LINE#1 |    |     | # BUT HAD A ROUNDED 2 MO. ERO#                  |    |
| OUT-LINE#1 |    |     | 8B TOTAL T.SHRT-DE2                             | 88 |
| OUT-LINE#1 | 2L | 27B | #USAGE IN EXCESS OF THE GOL PROV. QTY:#         |    |
| OUT-LINE#1 |    |     | # (LABEL: DEPTH - 'DEP')#                       | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 22B | #(3) TOTAL DOLLAR VALUE OF THE DIFFERENCE #     |    |
| OUT-LINE#1 |    |     | #BETWEEN THE 2 MO. ERO USAGE AND#               |    |
| OUT-LINE#1 |    |     | 9B TOTAL T.SHRT-CST#2                           | 88 |
| OUT-LINE#1 | 2L | 27B | #THE GOL PROV. QTY (WHEN USAGE IS GREATER).#    | 88 |
| OUT-LINE#1 | 2S |     |                                                 |    |
| OUT-LINE#1 | 2L | 18B | #OVERAGES: (4) NUMBER OF NSNS WHICH HAD #       |    |
| OUT-LINE#1 |    |     | #A POSITIVE GOL PROV. QTY, BUT HAD ZERO#        |    |
| OUT-LINE#1 |    |     | 14B TOTAL T.OVER-ZER#2                          | 88 |
| OUT-LINE#1 | 2L | 27B | #DEMANDS IN THE ERO FILE: (LABEL: NO DEMAND #   |    |
| OUT-LINE#1 |    |     | #- 'NO DMD')#                                   | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 22B | #(5) NUMBER OF NSNS IN WHICH THE GOL PROV. STY# |    |
| OUT-LINE#1 |    |     | # IS GREATER THAN THE 2 MO.#                    |    |
| OUT-LINE#1 |    |     | 10B TOTAL T.OVER-DE#2                           | 88 |
| OUT-LINE#1 | 2L | 27B | #ROUNDED ERO USAGE: (LABEL: DEPTH - 'DEP')#     | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 22B | #(6) TOTAL DOLLAR VALUE OF THE DIFFERENCE #     |    |
| OUT-LINE#1 |    |     | #BETWEEN THE GOL PROV. QTY AND#                 |    |
| OUT-LINE#1 |    |     | 11B TOTAL T.OVER-CST#2                          | 88 |
| OUT-LINE#1 | 2L | 27B | #THE 2 MO. ROUNDED ERO USAGE (WHEN USAGE #      |    |
| OUT-LINE#1 |    |     | #IS LESS):#                                     | 88 |
| OUT-LINE#1 | 2S |     |                                                 |    |
| OUT-LINE#1 | 2L | 18B | #EVEN:# 7B #(7) NUMBER OF NSNS IN WHICH THE #   |    |
| OUT-LINE#1 |    |     | #GOL PROV STY AND THE 2 MO. ROUNDED ERO#        |    |
| OUT-LINE#1 |    |     | 11B TOTAL T.EVEN-CHT#2                          | 88 |
| OUT-LINE#1 | 2L | 27B | #ARE THE SAME (NOT EQUAL TO ZERO):#             | 88 |
| OUT-LINE#1 | 2S |     |                                                 |    |
| OUT-LINE#1 | 2L | 18B | #CONSIST: (8) NUMBER OF NSNS FOR WHICH GOL #    |    |
| OUT-LINE#1 |    |     | #WAS PROVISIONED:# 32B TOTAL T.GOL-CHT#2        | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 22B | #(9) TOTAL NUMBER OF NSNS PROVISIONED #         |    |
| OUT-LINE#1 |    |     | #(IIP):# 36B TOTAL T.IIF-CHT#2                  | 88 |
| OUT-LINE#1 | SS |     |                                                 |    |
| OUT-LINE#1 | 2L | 27B | #NOTE 1: 2 MO. ROUNDED ERO USAGE IS THE #       |    |
| OUT-LINE#1 |    |     | #COMPLETED PART USAGE (.124) ROUNDED UP#        | 88 |
| OUT-LINE#1 | 1S |     |                                                 |    |
| OUT-LINE#1 | 2L | 27B | #NOTE 2: LINE (2) + (5) + (7) = LINE (6)#       | 88 |
| OUT-LINE#1 |    |     | *****F                                          |    |
| OUT-LINE#1 |    |     | *#                                              |    |
| OUT-LINE#1 |    |     | * HEADQUARTERS, UNITED STATES MARINE CORPS *    |    |

Figure 11-10 of 80

## ANNEX I

```

OUT-LINEP1 * PROVISIONING POLICY REVIEW STUDY *
OUT-LINEP1 *
OUT-LINEP1 * NOE SHEETS III + IV, (COL) *
OUT-LINEP1 * ERO USAGE (.15-) ROUNDED DOWN *
OUT-LINEP1 * II MAF *
OUT-LINEP1 *
OUT-LINEP1 *****
OUT-LINEP1
OUT-LINEP1
OUT-LINEP1
OUT-LINEP1
OUT-LINEP1 ADJUSTED TWO MONTH ERO USAGE IS ROUNDED USING THE
OUT-LINEP1 STATED CONVENTION AND COMPARED TO THE CONSOLIDATED LIST.
OUT-LINEP1 FOR EACH ID NUMBER, QUANTITY DIFFERENCES ARE BROKEN DOWN
OUT-LINEP1 BY CONSUMABLE AND REPAIRABLE CLASSES INTO THE FOLLOWING
OUT-LINEP1 CATEGORIES:
OUT-LINEP1 1) EVEN: BOTH THE ROUNDED ERO USAGE AND
OUT-LINEP1 THE CONSIST GOL QTY ARE THE
OUT-LINEP1 SAME AND GREATER THAN ZERO.
OUT-LINEP1
OUT-LINEP1 2) OVERAGE: THE ROUNDED ERO USAGE IS LESS
OUT-LINEP1 THAN THE CONSIST GOL QUANTITY.
OUT-LINEP1
OUT-LINEP1 3) SHORTAGE: THE ROUNDED ERO USAGE IS GREATER
OUT-LINEP1 THAN THE CONSIST GOL QUANTITY.
OUT-LINEP1
OUT-LINEP1 4) ZEROS: THE ROUNDED ERO USAGE AND THE
OUT-LINEP1 GOL QTY ARE BOTH ZERO.
OUT-LINEP1
OUT-LINEP2Y
OUT-LINEP2 TIF-NO Y1 1
OUT-LINEP2 TIF-NOMN Y 1
OUT-LINEP2 TCLASS Y2 2
OUT-LINEP2 TCATEGORY Y3 3
OUT-LINEP2 TNSH Y4 4
OUT-LINEP2 TNSH-NOMN Y 4
OUT-LINEP2 TFCT-USG Y 4
OUT-LINEP2 TRPD-USG Y 4
OUT-LINEP2 TGOL-QTY Y 4
OUT-LINEP2 TUNIT-PRC Y 4
OUT-LINEP2 TSHRT-R Y 4
OUT-LINEP2 TSHRT-D Y 4
OUT-LINEP2 TSHRT-GTY Y 4
OUT-LINEP2 TSHRT-CST Y 4
OUT-LINEP2 TOVER-ZER Y 4
OUT-LINEP2 TOVER-D Y 4
OUT-LINEP2 TOVER-QTY Y 4
OUT-LINEP2 TOVER-CST Y 4
OUT-LINEP2 499 EPDRC PROVISIONING REVIEW STUDY
OUT-LINEP2 529 EROD COMPUTATION SHEET IV
OUT-LINEP2 488 EROD ITEM DETAILED DATA (II MAF)
OUT-LINEP2 19
OUT-LINEP2 F. DATE# 1978 #PAGE# 1 F. PAGE#
OUT-LINEP2 29
OUT-LINEP2 #ID NO. # T. ID-ROD # , # T. ID-NOMN#
OUT-LINEP2 19
OUT-LINEP2 T. CLASS# # WHICH WERE PROVISIONED (COL) # T. CATEGORY#
OUT-LINEP2 129 *** ERO USAGE (.15-) ROUNDED DOWN ***
OUT-LINEP2 29
OUT-LINEP2 CE #PREFERRED# 11E EROD# 11E EROD# 11E EROD#

```

Figure 11 (7 of 8)



AD-A092 698

MARINE CORPS WASHINGTON DC

F/G 15/5

MARINE CORPS PROVISIONING POLICY REVIEW STAFF STUDY REPORT.(U)

OCT 80

UNCLASSIFIED

NL

3-3

AGE

DATE

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DTIC

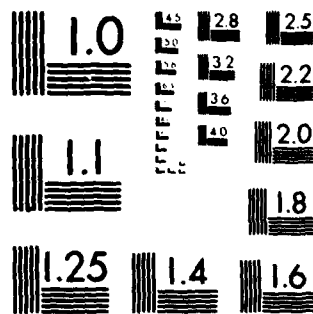
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DATE

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8

DTIC



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS 1963-A

# ANNEX I

|            |         |                   |              |            |             |                    |    |
|------------|---------|-------------------|--------------|------------|-------------|--------------------|----|
| OUT-LINEF2 | 2E      | WIFE              | 3E           | UNITS      | 6E          | WIFE MORTGAGE S... |    |
| OUT-LINEF2 | 4E      | WIFE OVERAGE S... |              |            |             |                    | 88 |
| OUT-LINEF2 | 9E      | WIFE 17E          | WIFE 11E     | WIFE 2E    |             |                    |    |
| OUT-LINEF2 | 800L    | PRICES            | 5E           | WIFE DEF   | QTY         | WIFE COSTS 4E      |    |
| OUT-LINEF2 | 800-EMI | DEF               | QTY          | WIFE COSTS |             |                    | 88 |
| OUT-LINEF2 | 1S      |                   |              |            |             |                    |    |
| OUT-LINEF2 | 3P      |                   |              |            |             |                    |    |
| OUT-LINEF2 | 4L      | 2E                | T.WIFE       | 2E         | T.WIFE-HOME |                    |    |
| OUT-LINEF2 | 2E      | TOTAL             | T.FCT-USG#4  | 2E         | TOTAL       | T.WIFE-USG#4       |    |
| OUT-LINEF2 | 1E      | TOTAL             | T.COL-QTY#4  | 1E         | TOTAL       | T.WIFE-PRC#4       |    |
| OUT-LINEF2 | 4E      | TOTAL             | T.WIFE-R#4   | 4E         | TOTAL       | T.WIFE-D#4         |    |
| OUT-LINEF2 | 3E      | TOTAL             | T.WIFE-QTY#4 | 2E         | TOTAL       | T.WIFE-CST#4       |    |
| OUT-LINEF2 | 6E      | TOTAL             | T.OVER-ZER#4 | 5E         | TOTAL       | T.OVER-B#4         |    |
| OUT-LINEF2 | 3E      | TOTAL             | T.OVER-QTY#4 | 2E         | TOTAL       | T.OVER-CST#4       | 88 |

/\*

.....

```

***** ANNEX I *****
//TAPE=3
//I4524022 JOB (601R,LMP3,200,20), '41777 CHADWIC', TIME=5
//ROUTE PRINT LOCAL
// *****
// *
// * * * * * PGM. R-MCE1 * * *
// *
// * THIS PROGRAM PRODUCES PIE COMPUTATIONS. SEE FIGURE
// * 12). VARIOUS WAITING TIME FACTORS FOR BOTH NSN AND NON-NSN PART
// * REQUISITIONS ARE COMPUTED. THE EFFECT OF 'NORS' REQUISITIONS IS
// * COMPUTED AS WELL AS THE MAXIMUM WAITING TIME PER ERO.
// *
// * INPUT FILE. DSN=H0NC1.LPS2.I4524.ER011
// * FD. ERO-SUBF
// *
// * OUTPUT FILE. NONE
// *
// *****
//STP1 EXEC MARKIV,DEPT=USER
//EXT.M4OLD DD DSN=H0NC1.LPS2.I4524.EROSUBF,DISP=SHR
//EXT.M4INPUT DD *
STP1 RCERO-SUBFS U S * Y
STP1 RPFREESIZE4K
STP1 AA
STP1 AA THIS PGM ASSUMES THAT EROSUBF IS SORTED BY:
STP1 AA (ID-NO / SER-NO / ERO-TYPE / ERO / CODE)
MAIN-PGMERTODAY
MAIN-PGHTFERO-OVAL 8Z ERO COUNT (OVERALL)
MAIN-PGHTFERO-NSN 8Z ERO COUNT (NSN)
MAIN-PGHTFERO-NON 8Z ERO COUNT (NON-NSN)
MAIN-PGHTFPRT-OVAL 10Z PART COUNT (OVERALL)
MAIN-PGHTFPRT-NSN 10Z PART COUNT (NSN)
MAIN-PGHTFPRT-NON 10Z PART COUNT (NON-NSN)
MAIN-PGHTFSUB-OVAL 12Z TOTAL DTIIF (OVERALL)
MAIN-PGHTFSUB-NSN 12Z TOTAL DTIIF (NSN)
MAIN-PGHTFSUB-NON 12Z TOTAL DTIIF (NON-NSN)
MAIN-PGHTFMAX-OVAL 12Z TOT MAX DTIIF (OVERALL)
MAIN-PGHTFMAX-NSN 12Z TOT MAX DTIIF (NSN)
MAIN-PGHTFMAX-NON 12Z TOT MAX DTIIF (NON-NSN)
MAIN-PGHTFNOR-OVAL 12Z MAX NORS DTIIF (OVERALL)
MAIN-PGHTFNOR-NSN 12Z MAX NORS DTIIF (NSN)
MAIN-PGHTFNOR-NON 12Z MAX NORS DTIIF (NON-NSN)
MAIN-PGHTFNCT-OVAL 8Z NO. EROS W/ NORS REQD
MAIN-PGHTFNCT-NSN 8Z NO. EROS W/ NSN NORS
MAIN-PGHTFNCT-NON 8Z NO. EROS W/ NON-NSN NORS
MAIN-PGHTFLASTERO 5C LAST ERO
MAIN-PGHTFLASTID 6C LAST ID
MAIN-PGHTFLASTCODE 1C LAST CODE
MAIN-PGHTFLASTTYPE 2C
MAIN-PGHTFLCLASS 13C (C) CONS (R) RPRL
MAIN-PGHTFLASTNOMN 30C LAST NOMEN
MAIN-PGHTFNOMN1 60C
MAIN-PGHTFNOMN2 30C
MAIN-PGHTFLASTSER 10C LAST SEP NO
MAIN-PGMPR II-NO EOTLASTIT
MAIN-PGMPR A SEP-NO EOTLASTSER
MAIN-PGMPR A ERO-TYPEEOTLASTTYPE

```

Figure 12 (1 of 5)

```

MAIN-PCMPR A ERO EDTLASTERO ANNEX I
MAIN-PCMPR A CODE EDTLASTCODE
MAIN-PCMPR NS 500
MAIN-PCMAA
MAIN-PCMAA PROCESSING IF THIS REC ERO AND SAME CLASS
MAIN-PCMAA AS THE PREVIOUS ERO. NS / (R) RPRL

MAIN-PCMAA
MAIN-PCMPR GO SUB TF-UPDTE,
MAIN-PCMPR GO END
MAIN-PCMAA

MAIN-PCMAA PROCESSING IF THIS RECD HAS A DIFFERENT ERO OR CLASS.
MAIN-PCMAA
MAIN-PCMPR500 TLASTID NEC
MAIN-PCMPR502 NS 510
MAIN-PCMPR504 GO SUB RPT-OUT
MAIN-PCMPR510 R ID-NO
MAIN-PCMPR520 R SER-NO
MAIN-PCMPR525 R ERO-TYPE
MAIN-PCMPR530 R ERO
MAIN-PCMPR532 R CODE
MAIN-PCMPR540 R DO
MAIN-PCMPR550 R DO
MAIN-PCMPR560 R DO
MAIN-PCMPR570 R DO
MAIN-PCMPR580 R DO
MAIN-PCMPR590 R DO
MAIN-PCMPR600 R DO
MAIN-PCMPR610 R DO
MAIN-PCMPR620 R DO
MAIN-PCMPR630 R DO
MAIN-PCMPR640 R DO
MAIN-PCMPR650 R DO
MAIN-PCMPR660 R DO
MAIN-PCMPR670 R DO
MAIN-PCMPR680 R DO
MAIN-PCMPR690 R DO
MAIN-PCMPR700 R DO
MAIN-PCMPR710 R DO
MAIN-PCMPR720 ID-NO TELPROV-ID
MAIN-PCMPR730 R TLASTNOMN
MAIN-PCMPR740 R TLASTNOMN
MAIN-PCMPR750 GO SUB TF-UPDTE
MAIN-PCMPR760 GO END

TF-UPDTEERTODAY S
TF-UPDTEAA
TF-UPDTEAA THIS SUBROUTINE UPDATES EACH OF THE TEMP FIELDS BASED
TF-UPDTEAA ON THE PART DATA FROM THIS ERO SUBFILE RECORD
TF-UPDTEAA
TF-UPDTEPR R C1
TF-UPDTEPR TPRT-OVAL+ DI
TF-UPDTEPR DATEDIFF+ TSUM-OVAL
TF-UPDTEPR DATEDIFF+ TMAX-OVAL
TF-UPDTEPR NS 100
TF-UPDTEPR R DATEDIFF
TF-UPDTEPR100 NCRS EDCN
TF-UPDTEPR105 NCRS EDCN
TF-UPDTEPR110 NS 200
TF-UPDTEPR110 NS 200

TLASTID
TLASTSER
TLASTTYPE
TLASTERO
TLASTCODE
TERO-OVAL
TERO-NSN
TERO-NON
TPRT-OVAL
TPRT-NSN
TPRT-NON
TSUM-OVAL
TSUM-NSN
TSUM-NON
TMAX-OVAL
TMAX-NSN
TMAX-NON
TNOR-OVAL
TNOR-NSN
TNOR-NON
TNCT-NSN
TNCT-NON
TNCT-OVAL
TLASTNOMN
TNOMEN1 169B
TNOMEN2 6130B

```

Figure 11 (continued)

## ANNEX I

|               |                           |            |
|---------------|---------------------------|------------|
| TF-UPDTEPR115 | R D1                      | TNCT-OVAL  |
| TF-UPDTEPR130 | DATEDIFFGTTHOR-OVAL       |            |
| TF-UPDTEPR136 | NS 206                    |            |
| TF-UPDTEPR140 | R DATEDIFF                | TNOR-OVAL  |
| TF-UPDTEAA    |                           |            |
| TF-UPDTEAA    | IF THE PART IS A NSH      |            |
| TF-UPDTEAA    |                           |            |
| TF-UPDTEPR208 | PARTQUALEQCH              |            |
| TF-UPDTEPR210 | NS 500                    |            |
| TF-UPDTEPR212 | R C1                      | TERO-NSH   |
| TF-UPDTEPR213 | TPRT-NSH + D1             | TPRT-NSH   |
| TF-UPDTEPR214 | DATEDIFF+ TSUM-NSH        | TSUM-NSH   |
| TF-UPDTEPR220 | DATEDIFFGTTHAX-NSH        |            |
| TF-UPDTEPR230 | NS 250                    |            |
| TF-UPDTEPR240 | R DATEDIFF                | TMAX-NSH   |
| TF-UPDTEPR250 | NORS EQCH                 |            |
| TF-UPDTEPR255 | NORS EQCE                 |            |
| TF-UPDTEPR260 | NS RETURN                 |            |
| TF-UPDTEPR265 | R D1                      | TNCT-NSH   |
| TF-UPDTEPR270 | DATEDIFFGTTHOR-NSH        |            |
| TF-UPDTEPR280 | NS RETURN                 |            |
| TF-UPDTEPR290 | R DATEDIFF                | THOR-NSH   |
| TF-UPDTEPR300 | GO RETURN                 |            |
| TF-UPDTEAA    |                           |            |
| TF-UPDTEAA    | IF PART IS **NOT** AN NSH |            |
| TF-UPDTEAA    |                           |            |
| TF-UPDTEPR308 | PARTQUALEQCH              |            |
| TF-UPDTEPR310 | NS RETURN                 |            |
| TF-UPDTEPR315 | R C1                      | TERO-NON   |
| TF-UPDTEPR317 | TPRT-NON + D1             | TPRT-NON   |
| TF-UPDTEPR320 | DATEDIFF+ TSUM-NON        | TSUM-NON   |
| TF-UPDTEPR330 | DATEDIFFGTTHAX-NON        |            |
| TF-UPDTEPR340 | NS 600                    |            |
| TF-UPDTEPR350 | R DATEDIFF                | TMAX-NON   |
| TF-UPDTEPR360 | NORS EQCH                 |            |
| TF-UPDTEPR365 | NORS EQCE                 |            |
| TF-UPDTEPR310 | NS RETURN                 |            |
| TF-UPDTEPR315 | R D1                      | TNCT-NON   |
| TF-UPDTEPR320 | DATEDIFFGTTHOR-NON        |            |
| TF-UPDTEPR330 | NS RETURN                 |            |
| TF-UPDTEPR340 | R DATEDIFF                | THOR-NON   |
| RPT-OUT ER    |                           | S          |
| RPT-OUT PR    | R CCONS: END-ITM          | TCLASS     |
| RPT-OUT PR    | TLASTCODEEQCR             |            |
| RPT-OUT PR    | ATLASTTYPEEQCE            |            |
| RPT-OUT PR    | NS 100                    |            |
| RPT-OUT PR    | R CRPL: END-ITM           | TCLASS     |
| RPT-OUT PR    | GO OUTPUT                 |            |
| RPT-OUT PR100 | TLASTCODEEQCC             |            |
| RPT-OUT PR110 | ATLASTTYPEEQCE            |            |
| RPT-OUT PR120 | NS OUTPUT                 |            |
| RPT-OUT PR130 | R CCONS: SEC-REP          | TCLASS     |
| RPT-OUT E1Y   |                           |            |
| RPT-OUT R1    | TLASTID Y1 1              |            |
| RPT-OUT R1    | TNCMEN1 Y 1               |            |
| RPT-OUT R1    | TNCMEN2 Y 1               |            |
| RPT-OUT R1    | TCLASS Y2 2               |            |
| RPT-OUT R1    | TERO-OVAL Y 2             | 0000000.00 |
| RPT-OUT R1    | TPRT-OVAL Y 2             | 0000000.00 |

Figure 12 (3 of 5)

|         |                                               |                                                        |   |         |             |        |    |    |
|---------|-----------------------------------------------|--------------------------------------------------------|---|---------|-------------|--------|----|----|
|         | TSLN-OVAL                                     | Y                                                      | 2 | ANNEX I | 2TPRT-OVAL2 | *****. | 88 |    |
|         | TMAX-OVAL                                     | Y                                                      | 2 |         | 2TERO-OVAL2 | *****. | 88 |    |
|         | TNCR-OVAL                                     | Y                                                      | 2 |         | 2TNCT-OVAL2 | *****. | 88 |    |
|         | TERO-NON                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
|         | TPRT-NON                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
|         | TSLN-NON                                      | Y                                                      | 2 |         | 2TPRT-NSN 2 | *****. | 88 |    |
|         |                                               | Y                                                      | 2 |         | 2TERO-NSN 2 | *****. | 88 |    |
|         |                                               | Y                                                      | 2 |         | 2TNCT-NSN 2 | *****. | 88 |    |
| RPT-OUT | TERO-NON                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
| RPT-OUT | TPRT-NON                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
| RFT-OUT | TSLN-NON                                      | Y                                                      | 2 |         | 2TPRT-NON 2 | *****. | 88 |    |
|         |                                               |                                                        |   |         |             |        |    |    |
| RPT-OUT | TMAX-NON                                      | Y                                                      | 2 |         | 2TERO-NON 2 | *****. | 88 |    |
| RPT-OUT | TNCR-NON                                      | Y                                                      | 2 |         | 2TNCT-NON 2 | *****. | 88 |    |
| RPT-OUT | TNCT-NSN                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
| RPT-OUT | TNCT-NON                                      | Y                                                      | 2 |         |             | *****. | 88 |    |
| RPT-OUT | TNCT-OVAL                                     | Y                                                      | 2 |         |             | *****. | 88 |    |
| RPT-OUT | 49B #HMC PROVISIONING REVIEW STUDY#           |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 49C #ACE COMPUTATION SHEET 1 (II HAF)#        |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 1S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | F.DATED 187E #PAGE: # F.PAGE#                 |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 2S                                            |                                                        |   |         |             |        |    |    |
| RFT-OUT | #ID NO: # T.LASTID# , # T.HOMENI#             |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2B # - - - P A R T C A T E G O R Y - - -      |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 19B                                           | T.NOMEN2#                                              |   |         |             |        |    | 88 |
| RPT-OUT | 2S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2P                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | T.CLASS#                                               |   |         |             |        |    |    |
| RPT-OUT | 70B #NSN# 10B #NON-NSN# 8B #OVERALL#          |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 2S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | 9B #TOTALS: (1) SUMMATION OF DATEDIFF OVER ALL#        |   |         |             |        |    |    |
| RPT-OUT | # PART REQUISITIONS:# 6B TOTAL T.SUM-NSN#2 5B |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.SUM-NON#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.SUM-OVAL#2 88                         |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 1S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | 19B #(2) SUMMATION OF THE MAXIMUM DATEDIFF PER ERO#    |   |         |             |        |    |    |
| RPT-OUT | # OVER# 9B TOTAL T.MAX-NSN#2 5B               |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.MAX-NON#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.MAX-OVAL#2 88                         |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 2L                                            | 24B #ALL EROS WITH PART REQUISITIONS:#                 |   |         |             |        |    | 88 |
| RPT-OUT | 1S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | 19B #(3) SUMMATION OF THE MAXIMUM 'NORS' DATEDIFF#     |   |         |             |        |    |    |
| RPT-OUT | # PER ERO:# 6B TOTAL T.NOR-NSN#2 5B           |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.NOR-NON#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | TOTAL T.NOR-OVAL#2 88                         |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 2L                                            | 24B #OVER ALL EROS WITH PARTS REQUISITIONED 'NORS'#    |   |         |             |        |    | 88 |
| RPT-OUT | 2S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | 5B #AVERAGES: (4) AVERAGE DATEDIFF OVER ALL PARTS      |   |         |             |        |    |    |
| RPT-OUT | # REQUISITIONS:# 11B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.SUM-NSN#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.SUM-NON#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.SUM-OVAL#2 88                         |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 1S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | -2L                                           | 19B #(5) AVERAGE MAXIMUM DATEIUFF PER ERO:# 22B        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.MAX-NSN#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.MAX-NON#2 5B                          |                                                        |   |         |             |        |    |    |
| RPT-OUT | RATIO T.MAX-OVAL#2 88                         |                                                        |   |         |             |        |    | 88 |
| RPT-OUT | 1S                                            |                                                        |   |         |             |        |    |    |
| RPT-OUT | 2L                                            | 19B #(6) AVERAGE MAXIMUM 'NORS' DATEDIFF PER ERO:# 15B |   |         |             |        |    |    |
| RPT-OUT | RATIO T.NOR-NSN#2 5B                          |                                                        |   |         |             |        |    |    |

Figure 12 (4 of 5)

## ANNEX I

|            |    |                                                        |                    |    |    |
|------------|----|--------------------------------------------------------|--------------------|----|----|
| RPT-OUT F1 |    |                                                        | RATIO T.NOF-NON#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | RATIO T.NOF-OVAL#2 |    | 00 |
| RPT-OUT F1 | 2S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 55 #COUNTS: (7) NUMBER OF EROS WITH PART#              |                    |    |    |
| RPT-OUT F1 |    | # REQUISITIONS: # 17B                                  | TOTAL T.ERO-NSN#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.ERO-NON#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.ERO-OVAL#2 |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 19B # (8) NUMBER OF PART REQUISITIONS: # 27B           |                    |    |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.PRT-NSN#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.PRT-NON#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.PRT-OVAL#2 |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 19B # (9) NUMBER OF EROS WITH NONS REQUISITIONS: # 17B |                    |    |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.NCT-NSN#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.NCT-NON#2  | 5B |    |
| RPT-OUT F1 |    |                                                        | TOTAL T.NCT-OVAL#2 |    | 00 |
| RPT-OUT F1 | 5S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 24B #NOTE 1: DATEDIFF = (DATE RECEIVED) - #            |                    |    |    |
| RPT-OUT F1 |    | #(DATE ORDERED)#                                       |                    |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 24B #NOTE 2: ERO PART USAGE IS NOT CONSIDERED VALID#   |                    |    |    |
| RPT-OUT F1 |    | # AND IS NOT USED IF:#                                 |                    |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 38B # (A) DATERECV = '9999' #                          |                    |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 38B # (B) #                                            |                    |    | 00 |
| RPT-OUT F1 | 1S |                                                        |                    |    |    |
| RPT-OUT F1 | 2L | 38B # (C) #                                            |                    |    | 00 |
| RPT-OUT F1 |    | *****                                                  |                    |    |    |
| RPT-OUT P1 | *  |                                                        |                    |    | 00 |
| RPT-OUT P1 | *  | HEADQUARTERS, UNITED STATES MARINE CORPS               |                    |    | 00 |
| RPT-OUT P1 | *  | PROVISIONING POLICY REVIEW STUDY                       |                    |    | 00 |
| RPT-OUT P1 | *  |                                                        |                    |    | 00 |
| RPT-OUT P1 | *  | MOE SHEET I (II MAF)                                   |                    |    | 00 |
| RPT-OUT P1 | *  |                                                        |                    |    | 00 |
| RPT-OUT P1 | *  | THIS REPORT PROVIDES WAITING TIME FACTORS              |                    |    | 00 |
| RPT-OUT P1 | *  | FOR NSN AND NON-NSN ITEMS BROKEN DOWN BY:              |                    |    | 00 |
| RPT-OUT P1 | *  | CONS: ENDITH / RPRL: ENDITH / CONS: SECREP             |                    |    | 00 |
| RPT-OUT P1 | *  |                                                        |                    |    | 00 |
| RPT-OUT P1 |    | *****                                                  |                    |    |    |

/\*



```

//TAPE=2
//14524012 JCE (6816.LMP3.200.15), 41777 UNADVISED
//ROUTE PRINT LOCAL
//*****
// * * * PGM, R-ERO * * *
//
// THIS PROGRAM PRODUCES AN ITEMIZED LISTING OF ERO PART USAGE
// BY END ITEM. SEE FIGURE 13.
//
// INPUT FILE: DSN=H0MC1.LPS2.14524.ERO11
// FD: ERO-SUBF
//
// OUTPUT FILE: NONE
//*****
//STP1 EXEC MARKIV,DEPT=USER
//EXT.M4OLD DD DSN=H0MC1.LPS2.14524.EROSUBF,DISP=OLD
//EXT.M4INPUT DD *
STP1 RCERO-SUBFS U S #
STP1 AA
STP1 AA SCANDATA JOB: LPS2DLC (670)
STP1 AA
STP1 AA THIS PGM PROVIDES AN ITEMIZED LISTING OF ERO
STP1 AA PART USAGE FOR END ITEMS BEING STUDIED BY THE
STP1 AA PROVISIONING STUDY.
ERO ERTODAY
ERO T1 H0MC PROVISIONING REVIEW STUDY#
ERO T1 MINNS ERO WORKING FILE LISTING (11 MAF)#
ERO PR ID-NO TLLPROV-ID TNOMEN
ERO PR R R ADJ-QTY TQTY
ERO TFRQTY 822 ERO USAGE (485 DAYS)
ERO E1
ERO R1 ID-NO 1 1P ID NO: 000000,
ERO R1 TNOMEN 1P
ERO R1 ERO-TYPE 2 2
ERO R1 CODE 3 3
ERO R1 PKSH 4
ERO R1 NOMEN
ERO R1 PARTQUAL
ERO R1 TQTY
ERO R1 HORS
ERO R1 DATEDIFF
ERO TFRNOMEN 90C
ERO P1 *****
ERO P1 *
ERO P1 * HEADQUARTERS, UNITED STATES MARINE CORPS *
ERO P1 * PROVISIONING POLICY REVIEW STUDY *
ERO P1 *
ERO P1 *
ERO P1 * ERO SUBFILE LISTING *
ERO P1 * (11 MAF) *
ERO P1 *
ERO P1 * A LISTING OF EACH PART REQUISITION OVER *
ERO P1 * THE 485 DAYS OF THE MINNS ERO HISTORY. *
ERO P1 *
ERO P1 *****
//

```

Figure 13 (1 of 1)

## ANNEX J

### MEASURES OF EFFECTIVENESS

The study group originally proposed thirteen measures of effectiveness (MOE). However, due to the unavailability of certain input data, the list was subsequently pared to the nine MOE's listed in Table I. Each project was analyzed by having the nine measure of effectiveness applied to it. These results are summarized on Table II and presented in detail for the I, II, and III MAF's in Table III.

The measures of effectiveness are designed to highlight the efficacy of the current provisioning process. Specifically MOE 1 is a measure of the availability of an end item. This is stated as a percentage of the 16 month period it was not awaiting parts. However, this measure does not reflect downtime spent undergoing repairs and waiting to be repaired. MOE 1 is used as an indication of the impact of a provisioning policy on an end item's time spent awaiting parts.

MOE 2 is an indication of the dollar magnitude of any shortages in a provisioning project. In an extreme situation, the ratio could exceed 100%. It should be noted that only a dollar figure is given in Table III if no GOL was provisioned. MOE 3 is a similar measure, but for overages. In this case, the maximum the ratio may be is 100%. MOE 5 indicates how well the range of provisioned items anticipated demand. The ratio will be between 0 and 1, with small fractions indicating that the most of the provisioned items are experiencing demands. The MOE does not give any indications of shortages, however. MOE 6 captures the percentage of an initial issue which is common to previously fielded equipment and has an established RO quantity. This is an indication that the item being provisioned is already stocked in the supply system.

MOE 7 assesses whether a provisioning policy adequately supplied critical parts in the initial issue. A critical part is one which has a positive mount out quantity. For this MOE an item is considered to have met a requisition objective (RO) if it has a demand of 1 or more per 2-month period. This equates to a usage rate of at least 8 items during the 485-day period. Hence, a usage rate equal to or greater than 8 over the 16-month maintenance window means the provisioning process failed to issue a critical item which subsequently had demand great enough to qualify it as RO.

MOE 8 indicates the dollar cost of that portion of the initial issue package which at the time of the in-service date of the end item was not considered RO. This MOE may be used to highlight the cost of provisioning items for which demand has been previously insufficient to establish them as RO. MOE 9 is the percentage of the total cost of an initial issue package which is spent on mount-out items. This MOE is used to demonstrate how monetary resources are allocated between the GOL and MO portions of a provisioning project. MOE 12 compares the instances of shortages due to range to those due to depth. This tabulation is designed to demonstrate where the more serious problem of shortages lies: not providing enough depth of the right items, or providing enough of those items but failing to predict demand for items not in the initial issue.

TABLE I, ANNEX J

MOE DEFINITIONS

MOE

CALCULATIONS

- 1 
$$\frac{485 \text{ DAYS} - \text{AVERAGE MAX TIME AWAITING PARTS}}{485 \text{ DAYS}}$$
  
SOURCE : MOE SHEET I, ROW (5)
- 2 
$$\frac{\$ \text{ COST OF GOL SHORTAGES}}{\$ \text{ COST OF II (GOL)}}$$
  
SOURCE : MOE SHEET III, ROW (3); MOE SHEET II
- 3 
$$\frac{\$ \text{ COST OF GOL OVERAGES}}{\$ \text{ COST OF II (GOL)}}$$
  
SOURCE : MOE SHEET III, ROW (6); MOE SHEET II
- 5 
$$\frac{\text{NUMBER OF NSN'S IN II (GOL) WITH 0 DEMAND}}{\text{NUMBER OF NSN'S IN II (GOL)}}$$
  
SOURCE : MOE SHEET III, ROW (4); MOE SHEET II
- 6 PERCENT OF II (GOL AND MO) WHICH IS RO  
SOURCE : MOE SHEET II
- 7 STEP (1) FOR EACH CRITICAL PART (I.E., POSITIVE MOUNT OUT QUANTITY) ORDERED NORS FIND 485 DAY TOTAL ERO USAGE.  
  
STEP (2) FOR CONSUMABLES AND REPARABLES DIVIDE THE TOTAL USAGE BY 8.08. THIS FACTOR IS  $485/60 = 8.08$ , THE NUMBER OF TWO MONTH PERIODS IN THE MAINTENANCE "WINDOW".  
  
STEP (3) IF THE AVERAGE USAGE PER TWO MONTH PERIOD CALCULATED ABOVE IS GREATER THAN OR EQUAL

TABLE I, ANNEX J (Cont.)

MOE

CALCULATIONS

TO 1, IT IS A CRITICAL PART MEETING RO  
CRITERIA.

SOURCE : ERO SUBFILE LISTING

8

\$ COST OF II (GOL AND MO) WHICH IS NOT RO

SOURCE : MOE SHEET II

9

$$\frac{\$ \text{ COST OF II (MO)}}{\text{TOTAL \$ COST OF II (MO AND GOL)}}$$

SOURCE : MOE SHEET II

12

NUMBER OF OCCURRENCES OF SHORTAGES DUE TO RANGE,  
I.E., THERE OCCURRED DEMAND FOR AN ITEM NOT PRO-  
VISIONED

NUMBER OF OCCURRENCES OF SHORTAGES DUE TO DEPTH,  
I.E., THERE OCCURRED DEMAND FOR AN ITEM WHICH  
EXCEEDED PROVISIONED QUANTITIES.

SOURCE : MOE SHEET III, ROW (1) AND ROW (2)

#### FOOTNOTES FOR MOE TABLES

In calculating ratios the following conventions were used:

0/0 is listed as NA (Not Applicable)

\$/0 is listed as the dollar amount \$

0/\$ is listed as 0

3RD FSSG's tables are incomplete due to the unavailability of several pertinent data tapes at the time the study was published. However, those MOE's which were calculated are in consonance with the other FSSG's

**TABLE II, ANNEX J**

# PROVISIONING POLICY STUDY

| Measure of Effectiveness (MOE)- Summarized |      |           |         |     |      |     |      |      |      |      |    |    |          |            |      |        |
|--------------------------------------------|------|-----------|---------|-----|------|-----|------|------|------|------|----|----|----------|------------|------|--------|
|                                            | 1    | 2         | 3       | 4   | 5    | 6   | 7    | 8    | 9    | 10   | 11 | 12 | 13       | 14         | 15   | 16     |
|                                            | C    | R         | C       | R   | C    | R   | C    | R    | C    | R    | C  | R  | C        | R          | C    | R      |
| 1ST FSSG                                   | 96.5 | 98.5      | 9.0     | 0.0 | 98.7 | 100 | .931 | .909 | 40.2 | 25.8 | 11 | 0  | 23242.79 | 14763.87   |      |        |
| Avg.                                       | 97.5 | 6.7       |         |     | 99.1 |     |      | .926 | 35.0 |      |    |    | 68091.12 | .132363.66 | 76.7 | 77.4   |
|                                            |      |           |         |     |      |     |      |      |      |      |    |    |          |            | 76.9 |        |
| 2ND FSSG                                   | 94.9 | 92.9      | 9.2     | 5.8 | 99.0 | 100 | .888 | .902 | 38.2 | 44.0 | 58 | 1  |          |            |      |        |
| Avg.                                       | 93.9 | 6.9       |         |     | 99.3 |     |      | .892 | 40.3 |      |    |    |          |            | 153  | 15 5 0 |
| 3RD FSSG                                   | 94.7 | 95.4      | 1426.8* | 0.0 | 98.4 | 100 | .919 | .833 |      |      | 71 | 0  |          |            |      |        |
| Avg.                                       | 95.1 | 1019.2 ** |         |     | 98.8 |     |      | .897 |      |      |    |    |          |            |      |        |

• This extreme value was due to the large shortage experienced by only one item. Adjusting the average to exclude this one item would lead to a new average of 12.98.

**\*\* The new adjusted average would be 9.2%.**

TABLE III, ANNEX J

## PROVISIONING POLICY STUDY

1ST PSSG (Rounded Down)

Measure of Effectiveness (MOE)

| Initial Issue Projects      | 1   | 2   | 3   | 4       | 5   | 6   | 7   | 8   | 9   | 10 | 11  | 12   |
|-----------------------------|-----|-----|-----|---------|-----|-----|-----|-----|-----|----|-----|------|
|                             | C   | R   | C   | R       | C   | R   | C/R | C   | R   | C  | R   | C/R  |
| 065358 AN/TC-36             | 89  | 99  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 51 | 50  | 2/0  |
| 068244 AN/UTN-32            | 90  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 33 | 14  | NS   |
| 068280 AN/PRC-75            | 91  | 87  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 44 | NA  | NS   |
| 071188 Tractor MC-450       | 93  | 99  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 16 | NA  | 1/0  |
| 074594 Test Set AN/TSN-18   | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 26 | 9   | NS   |
| 07475 Radio Set AN/URR-70   | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 35 | 0   | NS   |
| 07476 Radio Rec AN/URR-71   | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 36 | 0   | NS   |
| 07477 Rec Repro AN/URN-7    | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 36 | 0   | NS   |
| 07500 Dummy Load 100KW      | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 15 | NA  | NS   |
| 075168 Cent Off Tel 600L    | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 5  | 0   | NS   |
| 075364 Gen Set MFT009A      | 96  | 98  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 56 | 16  | NS   |
| 07579 Air Cond 9000BTU      | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 15 | NA  | NS   |
| 07581 Radar Set AN/PTS-15   | 95  | 93  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 18 | 0   | NS   |
| 07618 Page Print AN/UGC-52  | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 22 | 28  | NS   |
| 07623A Dist TT              | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 24 | 50  | NS   |
| 07630 Retrofit AN/URN-137   | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 0  | 0   | NS   |
| 07632A TT-572/UG            | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 37 | 0   | NS   |
| 07661 Fire Ext Twin Agent   | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 2  | NA  | NS   |
| 07664A Air Cond 18000BTU    | 97  | 98  | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 65 | 100 | NS   |
| 07665 Tool Kit Elex         | 98  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 41 | NA  | NS   |
| 07666 Air Cond 9000BTU      | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 21 | NA  | NS   |
| 07672A Sea Light            | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 59 | NA  | NS   |
| 07673A Test Set AN/PRM-33   | 80  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 92 | NA  | NS   |
| 07679A Freq Conv CV-3231    | 96  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 0  | 0   | NS   |
| 07684A TT C-7050/G          | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 0  | 0   | NS   |
| 07711A Helicopter Lt Sys    | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 63 | NA  | NS   |
| 07716 Converter CV-2997     | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 10 | NA  | NS   |
| 07717 Power Supply PP-6062  | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 29 | NA  | NS   |
| 07718 Converter CV-2757     | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 53 | 100 | NS   |
| 07726A RF Mont AN/USQ-46    | 86  | 81  | 3   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 66 | 0   | NS   |
| 07727A Rec Set RO-376A      | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 60 | 50  | NS   |
| 07728 Pwr Sup OP-63         | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 8  | 57  | NS   |
| 07729 Test Set OQ-80/USQ-46 | 100 | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 55 | 57  | NS   |
| 07838A Truck CM             | 96  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 18 | 17  | NS   |
| 07842A Sealtrkr LB 40T      | 84  | 100 | 0   | 0       | 100 | 100 | 1.0 | 1.0 | 1.0 | 67 | 11  | NS   |
| 07864A Tr Cargo H880        | 92  | 94  | 32  | \$50.77 | 95  | 94  | .46 | .46 | .46 | 18 | NA  | 1/0  |
| 07865A Tr Amb M886          | 88  | 97  | 281 | NA      | 69  | 69  | .40 | .40 | .40 | 82 | NA  | 12/2 |

TABLE III. APPENDIX J

## PROVISIONING POLICY STUDY

1ST PASS

(0.5 MAXIMUM)

(0.15 ROUNDED)

Measure of Effectiveness (ME)

| Initial Issue Projects      | C     | R  | C   | R   | C   | R   | CR/CD | 12   | RR/RD | C    | R  | C    | R   | C   | R   | CR/CD | 12   | RR/R |
|-----------------------------|-------|----|-----|-----|-----|-----|-------|------|-------|------|----|------|-----|-----|-----|-------|------|------|
| 065350 AN/TC-36             | 1.3   | 0  | 100 | 100 | 1.0 | 1.0 | 3/0   | 0/0  | 0/0   | 2.9  | 0  | 100  | 100 | 1.0 | 1.0 | 4/0   | 0/0  | 0/0  |
| 068240 AN/UH-32             | 0     | 0  | 100 | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0   | 1.4  | 0  | 100  | 100 | 1.0 | 1.0 | 1/0   | 0/0  | 0/0  |
| 068240 AN/UH-32             | 1067  | NA | 100 | NA  | .25 | NA  | 4/0   | 1/0  | 1/0   | 1238 | NA | 85.2 | NA  | .25 | NA  | 14/0  | 1/0  | 1/0  |
| 071180 Tractor MC-450       | 2     | 0  | 97  | NA  | .8  | NA  | 0/0   | 0/0  | 0/0   | 26.5 | NA | 94.5 | NA  | .8  | NA  | 14/0  | 1/0  | 1/0  |
| 074350 Tractor S-1          | 0     | 0  | 100 | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0   | 0    | 0  | 100  | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0  |
| 07475 Radio Set AN/URR-70   | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07476 Radio Rec AN/URR-71   | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07477 Rec Repro AN/URR-7    | 0     | 0  | 100 | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0   | 0    | 0  | 100  | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0  |
| 07500 Dummy Load 100W       | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 075160 Cmt Off Tol 600L     | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 075360 Cmt Off Tol 600L     | 0     | 0  | 100 | 100 | .97 | 0   | 0/0   | 0/0  | 0/0   | .71  | 0  | 100  | 100 | .97 | 0   | 0/0   | 0/0  | 0/0  |
| 07579 Air Cond 9000BTU      | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07581 Radar Set AN/TPS-15   | 0     | 0  | 100 | 100 | .99 | .86 | 0/0   | 0/0  | 0/0   | 68   | 0  | 100  | 100 | .99 | .86 | 1/0   | 0/0  | 0/0  |
| 07618 Page Print AN/UCC-52  | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07623A Dist TT              | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07630 RetroFit AN/UH-137    | NA    | 0  | NA  | 100 | NA  | 1.0 | NA    | 0/0  | 0/0   | NA   | 0  | NA   | 100 | NA  | 1.0 | NA    | 0/0  | 0/0  |
| 07632A TT-572/UG            | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07661 Fire Ext Twin Agent   | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07664A Air Cond 18000BTU    | .1    | 0  | 100 | 100 | .79 | 1.0 | 2/0   | 0/0  | 0/0   | .52  | 0  | 89.2 | 100 | .79 | 1.0 | 8/0   | 0/0  | 0/0  |
| 07665 Tool Kit Flex         | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 19.3 | NA | 100  | NA  | 1.0 | NA  | 2/0   | 0/0  | 0/0  |
| 07666 Air Cond 9000BTU      | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07672A Sea Light            | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | .92 | NA  | 0/0   | 0/0  | 0/0  |
| 07673A Test Set AN/FM-33    | 0     | NA | 95  | NA  | .92 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 95   | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07679A Freq Cond CV-3231    | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07684A TT C-7050/G          | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07711A H-Toport 1E Sys      | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07715 Converter CV-2997     | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07717 Power Supply PP-6062  | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07718 Converter CV-2757     | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07726A RF Mount AN/USQ-46   | 2.6   | 0  | 100 | 100 | 1.0 | 1.0 | 1/0   | 0/0  | 0/0   | 5.1  | 0  | 100  | 100 | 1.0 | 1.0 | 1/0   | 0/0  | 0/0  |
| 07727A Rec Set RO-376A      | 0     | 0  | 100 | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0   | 0    | 0  | 100  | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0  |
| 07728 Per Sup OP-63         | 0     | NA | 100 | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | 1.0 | NA  | 0/0   | 0/0  | 0/0  |
| 07729 Test Set CQ-80/USQ-46 | 0     | 0  | 100 | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0   | 0    | 0  | 100  | 100 | 1.0 | 1.0 | 0/0   | 0/0  | 0/0  |
| 07818A Truck GN             | NA    | 0  | NA  | 100 | NA  | 1.0 | NA    | 0/0  | 0/0   | NA   | 0  | NA   | 100 | NA  | 1.0 | NA    | 0/0  | 0/0  |
| 07862A Switcher IB 40T      | 0     | NA | 100 | NA  | .89 | NA  | 1/0   | 0/0  | 0/0   | 0    | NA | 100  | NA  | .89 | NA  | 1/0   | 0/0  | 0/0  |
| 07864A Tr Cargo H880        | 50.6  | NA | 91  | NA  | .46 | NA  | 111/5 | 3/NA | 3/NA  | 178  | NA | 83.3 | NA  | .46 | NA  | 1/0   | NA   | 6/NA |
| 07865A Tr Amb H886          | 841.8 | NA | 69  | NA  | .4  | NA  | 33/2  | NA   | NA    | 2506 | NA | 28.5 | NA  | .4  | NA  | 144/2 | 2/NA | 2/NA |



TABLE III, APPENDIX J

## PROVISIONING POLICY STUDY

| Initial Issue<br>Projects      | 2ND PRCG (Rounded Down)       |     |          |         |   |   |   |   |   |    |    |    |
|--------------------------------|-------------------------------|-----|----------|---------|---|---|---|---|---|----|----|----|
|                                | Measure of Effectiveness (ME) |     |          |         |   |   |   |   |   |    |    |    |
|                                | 1                             | 2   | 3        | 4       | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|                                | C                             | R   | C        | R       | C | R | C | R | C | R  | C  | R  |
| 065358 AN/TC-36                | 84                            | 58  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 06824A AN/UR-32                | 96                            | 74  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 068288 AN/PRC-75               | 95                            | 90  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07118A Tractor MC-450          | 89                            | 93  | 3        | \$62.81 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07459A Test Set AN/TSM-18      | 94                            | 82  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07475 Radio Set AN/URR-70      | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07476 Radio Rec AN/URR-71      | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07477 R/C Repro AN/URR-7       | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07500 Dummy Load 100K $\Omega$ | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 075168 Com Off Tel 600L        | 63                            | 64  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07536A Gm Set M/P009A          | 95                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07579 Air Cord 90008TU         | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07581 Radar Set AN/PPS-15      | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07618 Page Print AN/UCC-52     | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07623A Dist TT                 | 94                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07630 RetroFit AN/URM-137      | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07632A TT-572/UG               | 92                            | 97  | 5        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07661 Fire Ext Twin Agent      | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07664A Air Cord 180008TU       | 93                            | 96  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07665 Tool Kit Elec            | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07666 Air Cord 90008TU         | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07672A Sea Light               | 94                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07673A Test Set AN/PM-33       | 93                            | 99  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07679A Freq Conv CV-3231       | 94                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07684A TT C-7050/G             | 93                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07711A Heloport Lt Sys         | 92                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07716 Converter CV-2997        | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07717 Power Supply PP-6062     | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07718 Converter CV-2757        | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07726A RF Mount AN/USQ-46      | 94                            | 31  | 1        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07727A Rec Set RO-376A         | 97                            | 93  | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07728 Pwr Sup OP-63            | 97                            | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07729 Test Set CQ-80/USQ-46    | 100                           | 100 | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07838A Truck CM                | 93                            | 95  | \$351.18 | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07862A SemiTrlr LB 40T         | 96                            | 100 | 0        | \$4.58  | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07864A Tr Cargo M880           | 88                            | 91  | 278      | 0       | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |
| 07865A Tr Amb M886             | 87                            | 75  | 28       | \$42.51 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  |

10:15 18:1412201

| Initial Issue<br>Project    | 2        | 3    | 5   | R   | CR/CD | 12     | 2         | 3   | 5   | R   | CR/CD | 12  |
|-----------------------------|----------|------|-----|-----|-------|--------|-----------|-----|-----|-----|-------|-----|
| 065358 AN/TK-36             | .5       | 98   | 100 | .94 | 1.0   | 2/0    | 1         | 98  | .94 | 1.0 | 5/1   | NS  |
| 068244 AN/UH-32             | 0        | 100  | 100 | 1.0 | .83   | NS     | 0         | 100 | 1.0 | .83 | 2/0   | NS  |
| 068288 AN/PRC-75            | 5        | 96   | NA  | .75 | NA    | 1/0    | 1230      | 99  | .75 | NA  | 9/0   | 1/0 |
| 071188 Tractor MC-450       | 0        | 0    | NA  | .77 | NA    | 2/0    | 47        | 94  | .77 | NA  | 24/1  | 2/0 |
| 074594 Test Set AN/TK-18    | 0        | 98   | 100 | .83 | 1.0   | 1/0    | 9         | 92  | .83 | 1.0 | 7/0   | 2/0 |
| 07475 Railo Set AN/URR-70   | 1        | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | NA  | NS    | NA  |
| 07476 Railo Set AN/URR-71   | 0        | 100  | NA  | 1.0 | NA    | NS     | 1         | 100 | 1.0 | NA  | NS    | NA  |
| 07477 Rec Retro AN/VRH-7    | 0        | 100  | 100 | 1.0 | 1.0   | NS     | 0         | 100 | 1.0 | 1.0 | NS    | NA  |
| 07500 Inway Load 100RM      | 0        | 100  | NA  | 1.0 | NA    | 5/0    | 0         | 100 | 1.0 | 1.0 | NS    | NS  |
| 075168 Cont Off Tel 600L    | 33900    | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | 1.0 | NS    | NS  |
| 075364 Com Set MCT009A      | 0        | 100  | 100 | 1.0 | 1.0   | NS     | 61650     | 100 | 1.0 | NA  | 18/0  | 1/0 |
| 07579 Air Cond 90008TU      | 0        | 100  | NA  | 1.0 | NA    | NS     | .4        | 100 | 1.0 | 1.0 | 3/0   | NS  |
| 0781 Railo Set AN/PRS-15    | 0        | 100  | 100 | 1.0 | 1.0   | NS     | 0         | 100 | 1.0 | 1.0 | NS    | NA  |
| 07618 Page Print AN/UCC-52  | 0        | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | 1.0 | NS    | NA  |
| 07623A Dist TT              | 0        | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | 1.0 | NS    | NA  |
| 07630 Petrofit AN/UH-137    | 0        | NA   | 100 | NA  | 1.0   | NS     | 0         | 100 | 1.0 | 1.0 | 1/0   | NA  |
| 07632A TT-572/UG            | 6        | 99.8 | NA  | .48 | NA    | 13/2   | NA        | 0   | NA  | 1.0 | NA    | NS  |
| 07661 Fire Ext Twin Agent   | 0        | 98   | 75  | 1.0 | NA    | NS     | 240       | 97  | .48 | NA  | 102/2 | 1/0 |
| 07664A Air Cond 18008TU     | 2        | 0    | 0   | .55 | 0.0   | 3/0    | 0         | 97  | 1.0 | NA  | NS    | NS  |
| 07665 Pool Kit Elex         | 0        | 100  | NA  | 1.0 | NA    | NS     | 4         | 0   | .55 | 0.0 | 12/0  | NS  |
| 07666 Air Cond 90008TR      | 0        | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | NA  | NS    | NA  |
| 07672A Sea Light            | 0        | 100  | NA  | .83 | NA    | NS     | .4        | 87  | .83 | NA  | NS    | NA  |
| 07674A Test Set AN/PRH-33   | 0        | 100  | NA  | .54 | NA    | 6/1    | 0         | 100 | 1.0 | NA  | 5/0   | NA  |
| 07684A TT C-7050/G          | 10       | 92   | NA  | .80 | NA    | NS     | .3        | 50  | .54 | NA  | 1/0   | NA  |
| 0711A Heloport IL Sys       | 800      | 100  | NA  | 1.0 | NA    | 2/0    | 4         | 92  | .80 | NA  | 7/1   | NA  |
| 07716 Converter CV-2997     | 0        | 100  | NA  | 1.0 | NA    | NS     | 3         | 100 | 1.0 | NA  | 5/0   | NA  |
| 07717 Power Supply PP-6062  | 0        | 100  | NA  | 1.0 | NA    | NS     | 1160      | 100 | 1.0 | NA  | 8/0   | NA  |
| 07718 Converter CV-2757     | 0        | 100  | NA  | 1.0 | NA    | NS     | 0         | 100 | 1.0 | NA  | NS    | NA  |
| 07726A RF Mount AN/USQ-46   | 2        | 0    | 100 | .71 | 1.0   | 4/0    | 0         | 100 | 1.0 | NA  | NS    | NA  |
| 07727A Rec Set RD-176A      | .1       | 0    | 100 | 1.0 | 1.0   | 1/0    | 5         | 0   | 1.0 | NA  | NS    | NS  |
| 07728 Par Sup CP-63         | .6       | 99   | NA  | .85 | NA    | 2/0    | 1         | 0   | .71 | 1.0 | 1/0   | NS  |
| 07729 Test Set CQ-80/USQ-46 | .6       | 100  | 100 | 1.0 | 1.0   | NS     | 2         | 99  | 1.0 | 1.0 | 2/0   | NS  |
| 07830A Truck CH             | \$468.05 | NA   | 100 | 1.0 | 1.0   | 41/0   | 0         | 100 | .85 | NA  | 3/0   | NS  |
| 07862A SealTrlr LB 40T      | .7       | 100  | NA  | 1.0 | NA    | 2/0    | \$1108.71 | 6   | 1.0 | 1.0 | NS    | NS  |
| 07364A TT Cargo M880        | 361      | 71   | NA  | .24 | NA    | 216/16 | 2         | 100 | 1.0 | NA  | 91/0  | 4/0 |
| 0781A Tr Amb M886           | 2250     | 100  | NA  | .80 | NA    | 87/1   | 525       | 51  | .24 | NA  | 3/0   | 5/0 |
|                             |          |      |     |     |       |        | 4146      | 98  | .80 | NA  | 140/1 | 5/0 |

TABLE III, ANNEX J

PLANNING POLICY STUDY  
310 FSG (Rounded Down)  
Measure of Effectiveness (MOE)

| Initial Issue<br>Projects   | 1   | 2   | 3     | 4        | 5   | 6   | 7  | 8 | 9 | 10 | 11     | 12  |
|-----------------------------|-----|-----|-------|----------|-----|-----|----|---|---|----|--------|-----|
|                             | C   | R   | C     | R        | C   | R   | C  | R | C | R  | C      | R   |
| 0635B AN/TC-36              | 78  | 89  | 12    | 0        | .88 | .50 | 1  | 0 |   |    | 17/1   | NS  |
| 0682A AN/URM-32             | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 0692B AN/PRC-75             | 96  | 97  | 167   | \$200.72 | .75 | NA  |    |   |   |    | 2/0    | 1/0 |
| 0711B Tractor MC-450        | 88  | 87  | 3     | NA       | .75 | NA  | 4  | 0 |   |    | 7/1    | NS  |
| 0745A Test Set AN/TSM-18    | 90  | 83  | .06   | 0        | .81 | .5  | 1  | 0 |   |    | 1/0    | NS  |
| 07475 Radio Set AN/URR-70   | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07476 Radio Rec AN/URR-71   | 100 | 100 | 0     | 0        | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07477 Rec Repro AN/URR-7    | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07500 Dummy Load 100MW      | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07516B Com Off Tel 600L     | 83  | 74  | 49500 | 0        | 1.0 | NA  | 3  | 0 |   |    | 12/0   | NS  |
| 07536A Com Set WIT009A      | 92  | 85  | 2     | 0        | .92 | 1.0 |    |   |   |    | 2/0    | NS  |
| 07579 Air Cond 90008TU      | 94  | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07581 Radar Set AN/PTC-15   | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07618 Page Print AN/UC-52   | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07623A Dist TT              | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07630 Retrofit AN/URM-137   | 100 | 100 | NA    | 0        | NA  | 1.0 |    |   |   |    | NS     | NS  |
| 07632A TT-572/UG            | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07661 Fire Ext Twin Agent   | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07664A Air Cond 180008TU    | 95  | 98  | 0     | 0        | .59 | 0.0 |    |   |   |    | NS     | NS  |
| 07665 Tool Kit Elec         | 85  | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07666 Air Cond 90008TU      | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07672A Sea Light            | 85  | 31  | 0     | NA       | .89 | NA  |    |   |   |    | NS     | NS  |
| 07673A Test Set AN/PRM-33   | 89  | 95  | 0     | NA       | .69 | NA  |    |   |   |    | NS     | NS  |
| 07679A Freq Conv CV-3231    | 91  | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07694A TT C-7050/G          | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07711A Heliprot Lt Sys      | 65  | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07716 Converter CV-2997     | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07717 Power Supply PT-6062  | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07718 Converter CV-2757     | 100 | 100 | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07726A RF Mont AN/USQ-46    | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07727A Rec Set RD-376A      | 99  | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07728 Pwr Sup OP-63         | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07729 Test Set CO-80/USQ-16 | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07838A Truck GN             | 99  | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07862A Semitrailer LB 40T   | 100 | 100 | 0     | 0        | 1.0 | 1.0 |    |   |   |    | NS     | NS  |
| 07864A Tr Cargo 18000       | 88  | 95  | 0     | NA       | 1.0 | NA  |    |   |   |    | NS     | NS  |
| 07865A Tr Amb 18000         | 90  | 98  | 123   | \$178.06 | .31 | NA  | 60 | 0 |   |    | 107/13 | 4/0 |
|                             |     |     | 134   | NA       | .60 | NA  | 2  | 0 |   |    | 5/0    | NS  |

# TABLE III, ANNEX J

## MONITORING POLICY STUDY

100 PWS (0.15 ROUNDED)

(0.15 ROUNDED)

Measure of Effectiveness (MEL)

(0.15 ROUNDED)

| Initial Issue<br>Project | C | 2 | R | C | 3 | R | C | 5 | R | C | 7 | R | C | 9 | R | C | 11 | R | C | 13 | R | C | 15 | R | C | 17 | R | C | 19 | R | C | 21 | R | C | 23 | R | C | 25 | R | C | 27 | R | C | 29 | R | C | 31 | R | C | 33 | R | C | 35 | R | C | 37 | R | C | 39 | R | C | 41 | R | C | 43 | R | C | 45 | R | C | 47 | R | C | 49 | R | C | 51 | R | C | 53 | R | C | 55 | R | C | 57 | R | C | 59 | R | C | 61 | R | C | 63 | R | C | 65 | R | C | 67 | R | C | 69 | R | C | 71 | R | C | 73 | R | C | 75 | R | C | 77 | R | C | 79 | R | C | 81 | R | C | 83 | R | C | 85 | R | C | 87 | R | C | 89 | R | C | 91 | R | C | 93 | R | C | 95 | R | C | 97 | R | C | 99 | R | C | 101 | R | C | 103 | R | C | 105 | R | C | 107 | R | C | 109 | R | C | 111 | R | C | 113 | R | C | 115 | R | C | 117 | R | C | 119 | R | C | 121 | R | C | 123 | R | C | 125 | R | C | 127 | R | C | 129 | R | C | 131 | R | C | 133 | R | C | 135 | R | C | 137 | R | C | 139 | R | C | 141 | R | C | 143 | R | C | 145 | R | C | 147 | R | C | 149 | R | C | 151 | R | C | 153 | R | C | 155 | R | C | 157 | R | C | 159 | R | C | 161 | R | C | 163 | R | C | 165 | R | C | 167 | R | C | 169 | R | C | 171 | R | C | 173 | R | C | 175 | R | C | 177 | R | C | 179 | R | C | 181 | R | C | 183 | R | C | 185 | R | C | 187 | R | C | 189 | R | C | 191 | R | C | 193 | R | C | 195 | R | C | 197 | R | C | 199 | R | C | 201 | R | C | 203 | R | C | 205 | R | C | 207 | R | C | 209 | R | C | 211 | R | C | 213 | R | C | 215 | R | C | 217 | R | C | 219 | R | C | 221 | R | C | 223 | R | C | 225 | R | C | 227 | R | C | 229 | R | C | 231 | R | C | 233 | R | C | 235 | R | C | 237 | R | C | 239 | R | C | 241 | R | C | 243 | R | C | 245 | R | C | 247 | R | C | 249 | R | C | 251 | R | C | 253 | R | C | 255 | R | C | 257 | R | C | 259 | R | C | 261 | R | C | 263 | R | C | 265 | R | C | 267 | R | C | 269 | R | C | 271 | R | C | 273 | R | C | 275 | R | C | 277 | R | C | 279 | R | C | 281 | R | C | 283 | R | C | 285 | R | C | 287 | R | C | 289 | R | C | 291 | R | C | 293 | R | C | 295 | R | C | 297 | R | C | 299 | R | C | 301 | R | C | 303 | R | C | 305 | R | C | 307 | R | C | 309 | R | C | 311 | R | C | 313 | R | C | 315 | R | C | 317 | R | C | 319 | R | C | 321 | R | C | 323 | R | C | 325 | R | C | 327 | R | C | 329 | R | C | 331 | R | C | 333 | R | C | 335 | R | C | 337 | R | C | 339 | R | C | 341 | R | C | 343 | R | C | 345 | R | C | 347 | R | C | 349 | R | C | 351 | R | C | 353 | R | C | 355 | R | C | 357 | R | C | 359 | R | C | 361 | R | C | 363 | R | C | 365 | R | C | 367 | R | C | 369 | R | C | 371 | R | C | 373 | R | C | 375 | R | C | 377 | R | C | 379 | R | C | 381 | R | C | 383 | R | C | 385 | R | C | 387 | R | C | 389 | R | C | 391 | R | C | 393 | R | C | 395 | R | C | 397 | R | C | 399 | R | C | 401 | R | C | 403 | R | C | 405 | R | C | 407 | R | C | 409 | R | C | 411 | R | C | 413 | R | C | 415 | R | C | 417 | R | C | 419 | R | C | 421 | R | C | 423 | R | C | 425 | R | C | 427 | R | C | 429 | R | C | 431 | R | C | 433 | R | C | 435 | R | C | 437 | R | C | 439 | R | C | 441 | R | C | 443 | R | C | 445 | R | C | 447 | R | C | 449 | R | C | 451 | R | C | 453 | R | C | 455 | R | C | 457 | R | C | 459 | R | C | 461 | R | C | 463 | R | C | 465 | R | C | 467 | R | C | 469 | R | C | 471 | R | C | 473 | R | C | 475 | R | C | 477 | R | C | 479 | R | C | 481 | R | C | 483 | R | C | 485 | R | C | 487 | R | C | 489 | R | C | 491 | R | C | 493 | R | C | 495 | R | C | 497 | R | C | 499 | R | C | 501 | R | C | 503 | R | C | 505 | R | C | 507 | R | C | 509 | R | C | 511 | R | C | 513 | R | C | 515 | R | C | 517 | R | C | 519 | R | C | 521 | R | C | 523 | R | C | 525 | R | C | 527 | R | C | 529 | R | C | 531 | R | C | 533 | R | C | 535 | R | C | 537 | R | C | 539 | R | C | 541 | R | C | 543 | R | C | 545 | R | C | 547 | R | C | 549 | R | C | 551 | R | C | 553 | R | C | 555 | R | C | 557 | R | C | 559 | R | C | 561 | R | C | 563 | R | C | 565 | R | C | 567 | R | C | 569 | R | C | 571 | R | C | 573 | R | C | 575 | R | C | 577 | R | C | 579 | R | C | 581 | R | C | 583 | R | C | 585 | R | C | 587 | R | C | 589 | R | C | 591 | R | C | 593 | R | C | 595 | R | C | 597 | R | C | 599 | R | C | 601 | R | C | 603 | R | C | 605 | R | C | 607 | R | C | 609 | R | C | 611 | R | C | 613 | R | C | 615 | R | C | 617 | R | C | 619 | R | C | 621 | R | C | 623 | R | C | 625 | R | C | 627 | R | C | 629 | R | C | 631 | R | C | 633 | R | C | 635 | R | C | 637 | R | C | 639 | R | C | 641 | R | C | 643 | R | C | 645 | R | C | 647 | R | C | 649 | R | C | 651 | R | C | 653 | R | C | 655 | R | C | 657 | R | C | 659 | R | C | 661 | R | C | 663 | R | C | 665 | R | C | 667 | R | C | 669 | R | C | 671 | R | C | 673 | R | C | 675 | R | C | 677 | R | C | 679 | R | C | 681 | R | C | 683 | R | C | 685 | R | C | 687 | R | C | 689 | R | C | 691 | R | C | 693 | R | C | 695 | R | C | 697 | R | C | 699 | R | C | 701 | R | C | 703 | R | C | 705 | R | C | 707 | R | C | 709 | R | C | 711 | R | C | 713 | R | C | 715 | R | C | 717 | R | C | 719 | R | C | 721 | R | C | 723 | R | C | 725 | R | C | 727 | R | C | 729 | R | C | 731 | R | C | 733 | R | C | 735 | R | C | 737 | R | C | 739 | R | C | 741 | R | C | 743 | R | C | 745 | R | C | 747 | R | C | 749 | R | C | 751 | R | C | 753 | R | C | 755 | R | C | 757 | R | C | 759 | R | C | 761 | R | C | 763 | R | C | 765 | R | C | 767 | R | C | 769 | R | C | 771 | R | C | 773 | R | C | 775 | R | C | 777 | R | C | 779 | R | C | 781 | R | C | 783 | R | C | 785 | R | C | 787 | R | C | 789 | R | C | 791 | R | C | 793 | R | C | 795 | R | C | 797 | R | C | 799 | R | C | 801 | R | C | 803 | R | C | 805 | R | C | 807 | R | C | 809 | R | C | 811 | R | C | 813 | R | C | 815 | R | C | 817 | R | C | 819 | R | C | 821 | R | C | 823 | R | C | 825 | R | C | 827 | R | C | 829 | R | C | 831 | R | C | 833 | R | C | 835 | R | C | 837 | R | C | 839 | R | C | 841 | R | C | 843 | R | C | 845 | R | C | 847 | R | C | 849 | R | C | 851 | R | C | 853 | R | C | 855 | R | C | 857 | R | C | 859 | R | C | 861 | R | C | 863 | R | C | 865 | R | C | 867 | R | C | 869 | R | C | 871 | R | C | 873 | R | C | 875 | R | C | 877 | R | C | 879 | R | C | 881 | R | C | 883 | R | C | 885 | R | C | 887 | R | C | 889 | R | C | 891 | R | C | 893 | R | C | 895 | R | C | 897 | R | C | 899 | R | C | 901 | R | C | 903 | R | C | 905 | R | C | 907 | R | C | 909 | R | C | 911 | R | C | 913 | R | C | 915 | R | C | 917 | R | C | 919 | R | C | 921 | R | C | 923 | R | C | 925 | R | C | 927 | R | C | 929 | R | C | 931 | R | C | 933 | R | C | 935 | R | C | 937 | R | C | 939 | R | C | 941 | R | C | 943 | R | C | 945 | R | C | 947 | R | C | 949 | R | C | 951 | R | C | 953 | R | C | 955 | R | C | 957 | R | C | 959 | R | C | 961 | R | C | 963 | R | C | 965 | R | C | 967 | R | C | 969 | R | C | 971 | R | C | 973 | R | C | 975 | R | C | 977 | R | C | 979 | R | C | 981 | R | C | 983 | R | C | 985 | R | C | 987 | R | C | 989 | R | C | 991 | R | C | 993 | R | C | 995 | R | C | 997 | R | C | 999 | R | C | 1001 | R | C | 1003 | R | C | 1005 | R | C | 1007 | R | C | 1009 | R | C | 1011 | R | C | 1013 | R | C | 1015 | R | C | 1017 | R | C | 1019 | R | C | 1021 | R | C | 1023 | R | C | 1025 | R | C | 1027 | R | C | 1029 | R | C | 1031 | R | C | 1033 | R | C | 1035 | R | C | 1037 | R | C | 1039 | R | C | 1041 | R | C | 1043 | R | C | 1045 | R | C | 1047 | R | C | 1049 | R | C | 1051 | R | C | 1053 | R | C | 1055 | R | C | 1057 | R | C | 1059 | R | C | 1061 | R | C | 1063 | R | C | 1065 | R | C | 1067 | R | C | 1069 | R | C | 1071 | R | C | 1073 | R | C | 1075 | R | C | 1077 | R | C | 1079 | R | C | 1081 | R | C | 1083 | R | C | 1085 | R | C | 1087 | R | C | 1089 | R | C | 1091 | R | C | 1093 | R | C | 1095 | R | C | 1097 | R | C | 1099 | R | C | 1101 | R | C | 1103 | R | C | 1105 | R | C | 1107 | R | C | 1109 | R | C | 1111 | R | C | 1113 | R | C | 1115 | R | C | 1117 | R | C | 1119 | R | C | 1121 | R | C | 1123 | R | C | 1125 | R | C | 1127 | R | C | 1129 | R | C | 1131 | R | C | 1133 | R | C | 1135 | R | C | 1137 | R | C | 1139 | R | C | 1141 | R | C | 1143 | R | C | 1145 | R | C | 1147 | R | C | 1149 | R | C | 1151 | R | C | 1153 | R | C | 1155 | R | C | 1157 | R | C | 1159 | R | C | 1161 | R | C | 1163 | R | C | 1165 | R | C | 1167 | R | C | 1169 | R | C | 1171 | R | C | 1173 | R | C | 1175 | R | C | 1177 | R | C | 1179 | R | C | 1181 | R | C | 1183 | R | C | 1185 | R | C | 1187 | R | C | 1189 | R | C | 1191 | R | C | 1193 | R | C | 1195 | R | C | 1197 | R | C | 1199 | R | C | 1201 | R | C | 1203 | R | C | 1205 | R | C | 1207 | R | C</ |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|-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ANNEX K  
PROVISIONING PROJECTS

| <u>PROJECT ID NUMBER</u> | <u>NOMENCLATURE</u>                     | <u>IN-SERVICE DATA</u> |
|--------------------------|-----------------------------------------|------------------------|
| 07475A                   | Radio Receiving Set AN/URR-70           | Aug 78                 |
| 07476A                   | Radio Receiving Set AN/URR-71           | Aug 78                 |
| 07477A                   | Recorder Reproducer AN/PH+NH-7          | None                   |
| 07500A                   | Dummy Load 100KW                        | None                   |
| 07516B                   | Central Office Telephone 600L           | None                   |
| 07536A                   | Generator Set MEP-009A                  | Nov 79                 |
| 07579A                   | Air Conditioning 9000 BTU               | Nov 79                 |
| 07581A                   | Radar Set AN/PPS-15                     | None                   |
| 07618A                   | Page Printer Set Send/RCV AN/UGC-52     | None                   |
| 07623A                   | Distrib-Transmitter Set (Teletype)      | May 78                 |
| 07630                    | Retrofit Kit F/AN/URM-137A              | Feb 77                 |
| 07632A                   | Teleprinter TTY-572/UG                  | May 78                 |
| 07661A                   | Fire Extinguisher, Twin Agent           | None                   |
| 07664A                   | Air Conditioner, 18,000 BTU, A/E-32C-17 | Apr 78                 |
| 07665A                   | Tool Kit, Elex                          | Oct 77                 |
| 07666A                   | Air Conditioner, 9,000 BTU              | Dec 78                 |
| 07672A                   | Searchlight, AN/VSS-3A                  | Jun 77                 |
| 07673A                   | Test Set, R.F. Power AN/PRM-33          | Nov 77                 |
| 07679A                   | Freq Converter, CV-3231/U               | Jul 79                 |
| 07684A                   | Teletype, Cont Unit C-7050/G            | May 78                 |
| 07711A                   | Heliport Lighting System                | Apr 78                 |
| 07716A                   | Converter, CV-2997(V)/FGC               | May 78                 |

## ANNEX K (Cont.)

| <u>PROJECT ID NUMBER</u> | <u>NOMENCLATURE</u>                    | <u>IN-SERVICE DATA</u> |
|--------------------------|----------------------------------------|------------------------|
| 07717A                   | Power Supply, PP-6062/G                | May 78                 |
| 07718A                   | Converter, CV-2757/GGC                 | May 78                 |
| 07726A                   | R. F. Monitor Set, AN/USQ-46A          | Apr 78                 |
| 07727A                   | Recorder Set, Signal Data ERo-376A/USQ | Jan 79                 |
| 07728A                   | Power Supply, OP-63/USQ-46             | None                   |
| 07729A                   | Test Set, Group, Radio OQ-60/USQ-46    | Apr 78                 |
| 07838A                   | Truck, Guided Missile Carrier W/M2     | None                   |
| 07862A                   | Semi-Trailer, Low-Bed 40-Ton M870      | Apr 79                 |
| 07864A                   | Truck, Cargo, M880, 1-1/4-Ton          | Dec 78                 |
| 07865A                   | Truck, Ambulance, 1-1/2-Ton            | Dec 78                 |
| 06535B                   | Communications Central AN/TGC-36       | None                   |
| 06824A                   | Transponder Set An/UPN-32              | Sep 78                 |
| 06828B                   | Radio Set, An/PRC-75                   | None                   |
| 07118B                   | Tractor, Full-Track, Low Speed MC450   | May 78                 |
| 07459A                   | Test Set, AN/TSM-18                    | None                   |

ANNEX L

MARINE CORPS  
PROVISIONING  
POLICY MANUAL  
SUMMARY

## PROVISIONING

● MANAGEMENT PROCESS FOR DETERMINING AND ACQUIRING THE RANGE AND QUANTITY OF SUPPORT ITEMS NECESSARY TO OPERATE AND MAINTAIN WEAPON SYSTEMS/EQUIPMENTS FOR AN INITIAL PERIOD OF SERVICE



ANNEX L

RETAIL COMPUTATIONS

CONSUMABLES

$$GOL = A \times B \times C \times \frac{OST}{360}$$

A = FAILURES/ITEM/YEAR

B = QTY/END ITEM

C = NUMBER OF END ITEMS SUPPORTED BY INTERMEDIATE  
LEVEL

OST = AVERAGE CUMULATIVE ORDER SHIPPING TIME

DEVIATION FOR LOW DENSITY COMBAT ESSENTIAL END ITEMS

$$GOL = A \times B \times C \times \frac{360}{360} = 1 = 1$$

STOCK AS NSO CRITICALITY CODE 1 ITEMS ONLY

REPARABLES

$$GOL = \frac{(RR \times RCT)}{30} \times \frac{RSR \times OST}{30}$$

RR = REPAIR RATE

RCT = REPAIR CYCLE TIME

RSR = RESUPPLY RATE (WASH- OUT)

DEVIATION FOR LOW DENSITY COMBAT ESSENTIAL END ITEMS

$$GOL = A \times B \times C \times \frac{360}{360} = 1 = 1$$

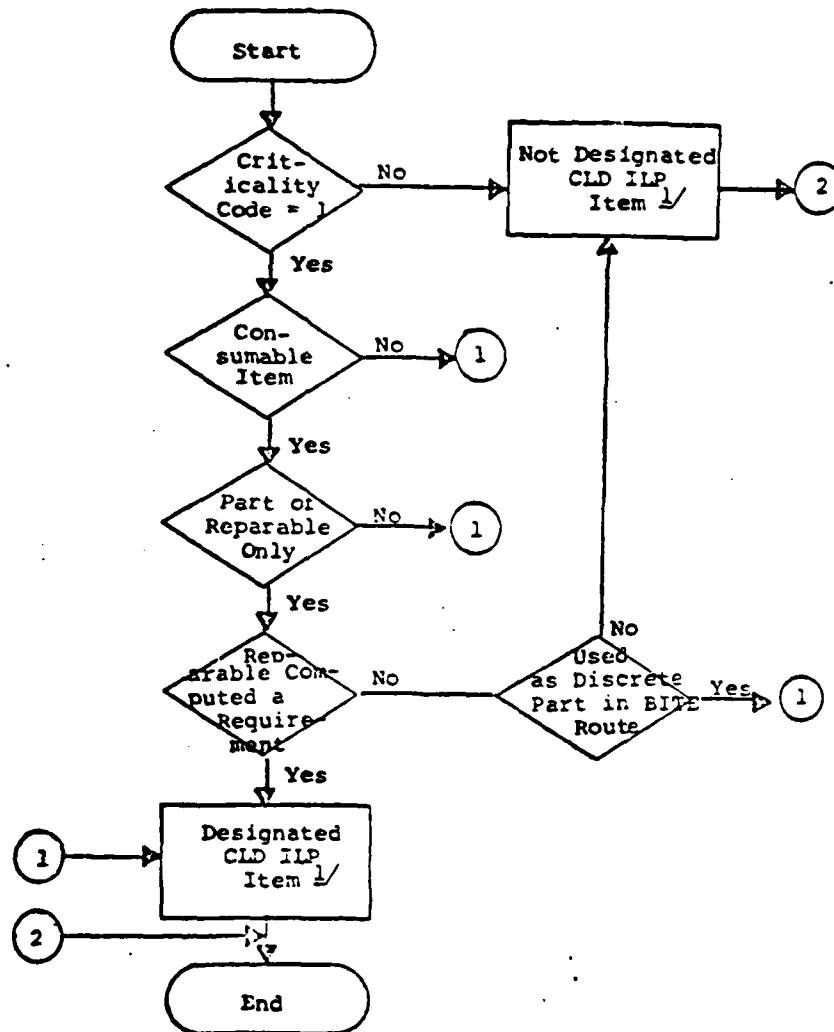
$$GOL = \frac{(RR \times RCT)}{30} \times \frac{(RSR \times 360)}{30} = 1 = 1$$

STOCK AS NSO ITEM

ANNEX L

MCO 4400.141  
18 Oct 1978

CRITERIA FOR SELECTION OF SECONDARY ITEMS



1/ CLD ILP = critical low-density initial issue provisioning.

## ANNEX L

MCO 4400.141  
18 Oct 1978

## FORMAT FOR INSURANCE ITEM RECOMMENDATIONS

Insurance Item Recommendations  
(Equipment)

| <u>NSN</u>          | <u>Unit Price</u> | <u>Σ</u>                       | <u>Extended Price</u> | <u>Total</u> |
|---------------------|-------------------|--------------------------------|-----------------------|--------------|
|                     |                   | 80 Ao                          |                       |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| For Ao              |                   |                                |                       | _____        |
|                     |                   | 85 Ao<br>(additional<br>items) |                       |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| Additional Subtotal |                   |                                |                       | _____        |
| Total for Ao        |                   |                                |                       | _____        |
|                     |                   | 90 Ao<br>(additional<br>items) |                       |              |
| -                   |                   | -                              | -                     |              |
| -                   |                   | -                              | -                     |              |
| Additional Subtotal |                   |                                |                       | _____        |
| Total for Ao        |                   |                                |                       | _____        |

a. Consumables

(1) Segregate NSN's by recoverability code in MIMMS history extract file (MHEF).

(2) Identify all consumable items with a Marine Corps-wide usage of two or more demands in a 12-month period as an insurance item.

(3) Extend the data collection period to 2 years for items with only one Marine Corps-wide demand in 12 months. If the item had two or more demands in the 24-month period, identify it as an insurance item.

b. Reparables

(1) Extract the maintenance failure rate (MFR) from the maintenance float usage file of NSN's designated as reparable.

(2) Identify NSN's with an MFR of 0.5 or greater as an insurance item.

c. Compute and provide to the commander of the unit holding the critical low-density equipment and supporting unit. A recommended list of insurance items, stratified by varied degrees of required which is retained on hand will provide a 95 percent confidence that the selected Ao can be maintained.

## WHOLESALE COMPUTATIONS

### CONSUMABLES

ANNEX L

- ⑥ PROV. REQ. OBJ = PC/SL QTY + PCLT QTY  
PC/SL QTY = A X B X TWAMP X PC/SL  
PCLT QTY = A X B X TWAMP X PCLT  
A = FAILURES/ITEM/YEAR  
B = QTY/END ITEM  
TWAMP = TIME-WEIGHTED AVERAGE MONTHLY PROGRAM  
PC/SL = 90 DAYS MARINE CORPS MANAGED ITEMS

### REPARABLES

- ⑥ PROV. REQ. OBJ = PC/SL QTY + PCLT QTY  
PC/SL QTY =  $\frac{(RR \times RCT)}{30} + \frac{(RSR \times PC/SL)}{30}$   
PCLT QTY =  $RSR \times \frac{PCLT}{30}$   
PC/SL = 90 DAYS MARINE CORPS MANAGED ITEMS

### ESTABLISHED MARINE CORPS MGD ITEMS

- ⑥ 90 DAY PC/SL REQ ADDED TO DEMAND BASE WHEN IM CONSIDERS SIGNIFICANT
- ⑥ NO PCLT QTY AUTHORIZED

## ANNEX L

## DOD STANDARD TABLE

HOLDING COST RATE 0.15  
 SMALL PURCHASE PROCUREMENT COST = \$175.00  
 OTHER PROCUREMENT = \$380.00  
 FREQUENCY OF PROCUREMENT = EOF  
 MINIMUM IMPLIED SHORTAGE COST = \$100.00

## \$ VALUE OF ANNUAL DEMANDS/ANNUAL DEMAND FREQUENCY

| PLT (MOS) | \$ 0.-<br>100. | \$ 101.-<br>500. | \$ 501.-<br>2500. | \$ 2501.-<br>12500. | \$ 12501.-<br>62500. | \$ 62501.-<br>312500. |
|-----------|----------------|------------------|-------------------|---------------------|----------------------|-----------------------|
| 1         | 3              | 4                | 5                 | 6                   | 6                    | 5                     |
| 2         | 3              | 4                | 5                 | 6                   | 6                    | 5                     |
| 3         | 3              | 4                | 5                 | 6                   | 6                    | 5                     |
| 4         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 5         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 6         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 7         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 8         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 9         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 10        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 11        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
|           | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
|           | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 14        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 15        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |

NOTATIONDoDSET #1

C1p - Proc Stk

Inf \$150

175

For 450

380

Rec 2.72

3.00

C2p - Proc NonStk

82% of above  
less receipt

82%(-)

Ci - Issue Cost

1.60

1.85

H - Hold Cost

20/40%

15%

P - Premium Paid

10%

10%

- Implied Shortage

\$100

100

AIT- AdminLeadTime

90

60

## ANNEX L

## DOD STANDARD TABLE

HOLDING COST RATE 0.20  
 SMALL PURCHASE PROCUREMENT COST = \$ 150.00  
 OTHER PROCUREMENT COST = \$ 450.00  
 FREQUENCY OF PROC. = EOF  
 MINIMUM IMPLIED SHORTAGE COST \$ 125.00

## \$ VALUE OF ANNUAL DEMANDS/ANNUAL DEMAND FREQUENCY

| PLT (MOS) | \$ 0.-<br>100. | \$ 101.-<br>500. | \$ 501.-<br>2500. | \$ 2501.-<br>12500. | \$ 12501.-<br>62500. | \$ 62501.-<br>312500. |
|-----------|----------------|------------------|-------------------|---------------------|----------------------|-----------------------|
| 1         | 3              | 4                | 6                 | 6                   | 7                    | 6                     |
| 2         | 3              | 4                | 6                 | 6                   | 6                    | 6                     |
| 3         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 4         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 5         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 6         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 7         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 8         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 9         | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 10        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 11        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 12        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 13        | 3              | 4                | 5                 | 6                   | 6                    | 6                     |
| 14        | 3              | 3                | 5                 | 6                   | 6                    | 6                     |
| 15        | 3              | 3                | 5                 | 6                   | 6                    | 6                     |

NOTATIONDoDUSMC TEST  
SET #2

C p - Proc Stk

Inf \$150  
 For 450  
 Rec 2.72

150  
 450  
 2.72

C p - Proc NonStk

82% of above  
 less receipt

82%(-)

C - Issue Cost

1.60

1.75

H - Hold Cost

20/40%

20%

P - Premium Paid

10%

10%

- Implied Shortage

\$100

125

ALT - AdminLeadTime

90

60

## ANNEX L

## DOD STANDARD TABLE

HOLDING-COST RATE 0.40

SMALL PURCHASE PROCUREMENT COST = \$ 150.00

OTHER PROCUREMENT COST = \$ 450.00

FREQUENCY OF PROC. - EOF

MINIMUM IMPLIED SHORTAGE COST \$ 125.00

## \$ VALUE OF ANNUAL DEMANDS/ANNUAL DEMAND FREQUENCY

| PLT (MOS) | \$ 0.-<br>100. | \$ 101.-<br>500. | \$ 501.-<br>2500. | \$ 2501.-<br>2500. | \$ 12501.-<br>62500. | \$ 62501.-<br>312500. |
|-----------|----------------|------------------|-------------------|--------------------|----------------------|-----------------------|
| 1         | 5              | 8                | 12                | 12                 | 12                   | 12                    |
| 2         | 5              | 9                | 12                | 12                 | 12                   | 12                    |
| 3         | 6              | 10               | 12                | 12                 | 12                   | 12                    |
| 4         | 6              | 11               | 12                | 12                 | 12                   | 12                    |
| 5         | 7              | 11               | 12                | 12                 | 12                   | 12                    |
| 6         | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 7         | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 8         | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 9         | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 10        | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 11        | 7              | 12               | 12                | 12                 | 12                   | 12                    |
| 12        | 8              | 12               | 12                | 12                 | 12                   | 12                    |
|           | 8              | 12               | 12                | 12                 | 12                   | 12                    |
|           | 8              | 12               | 12                | 12                 | 12                   | 12                    |
| 15        | 8              | 12               | 12                | 12                 | 12                   | 12                    |

NOTATIONDoDSET #3C<sup>1</sup><sub>p</sub> - Proc Stk
 Inf \$150  
 For 450  
 Rec 2.72

 150  
 450  
 3.00
C<sup>2</sup><sub>p</sub> - Proc NonStk82% of above  
less receipt

82%(-)

C<sub>I</sub> - Issue Cost

1.60

1.60

H - Hold Cost

20/40%

40%

P - Premium Paid

10%

10%

- Implied Shortage

\$100

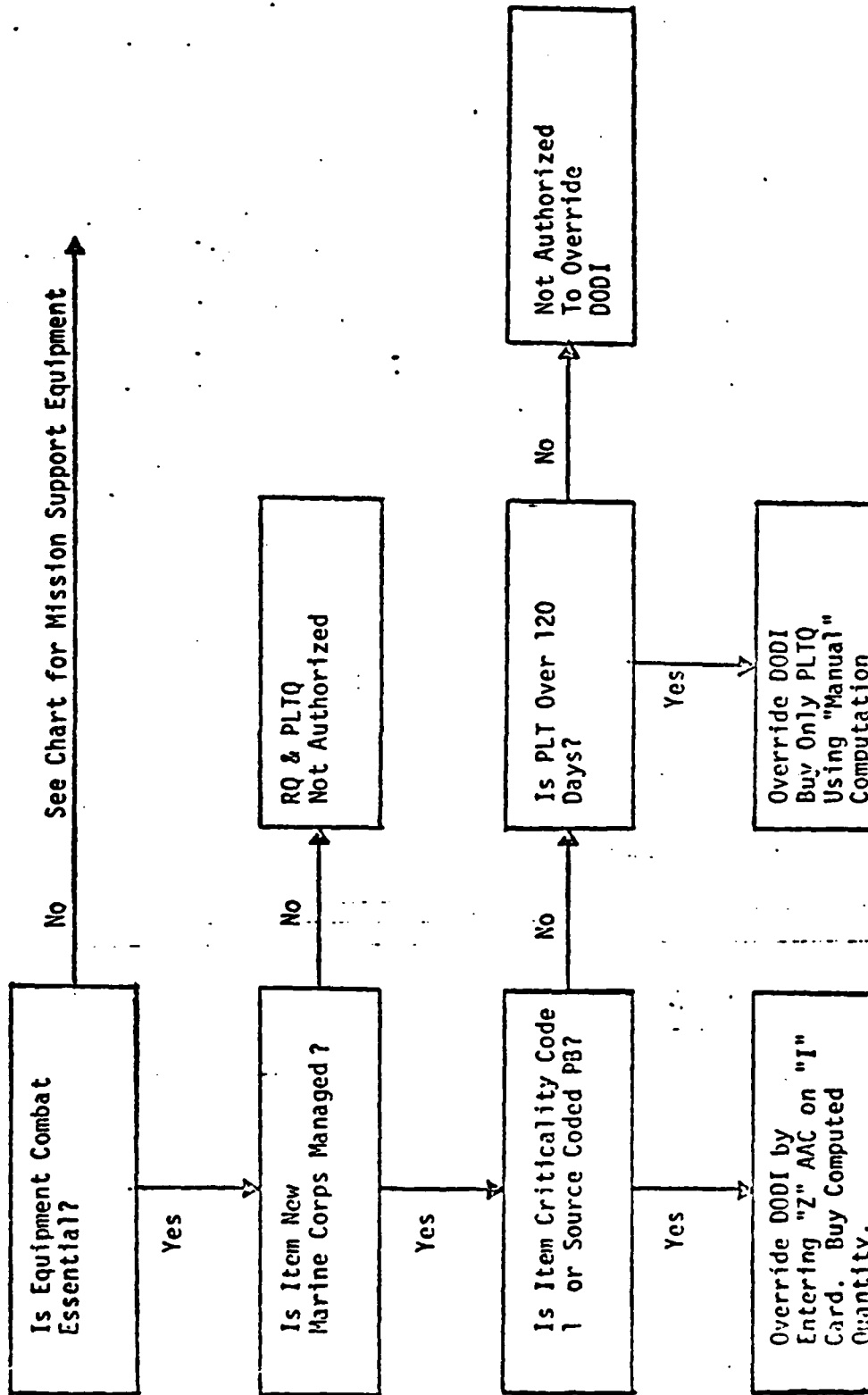
125

ALT - AdminLeadTime

90

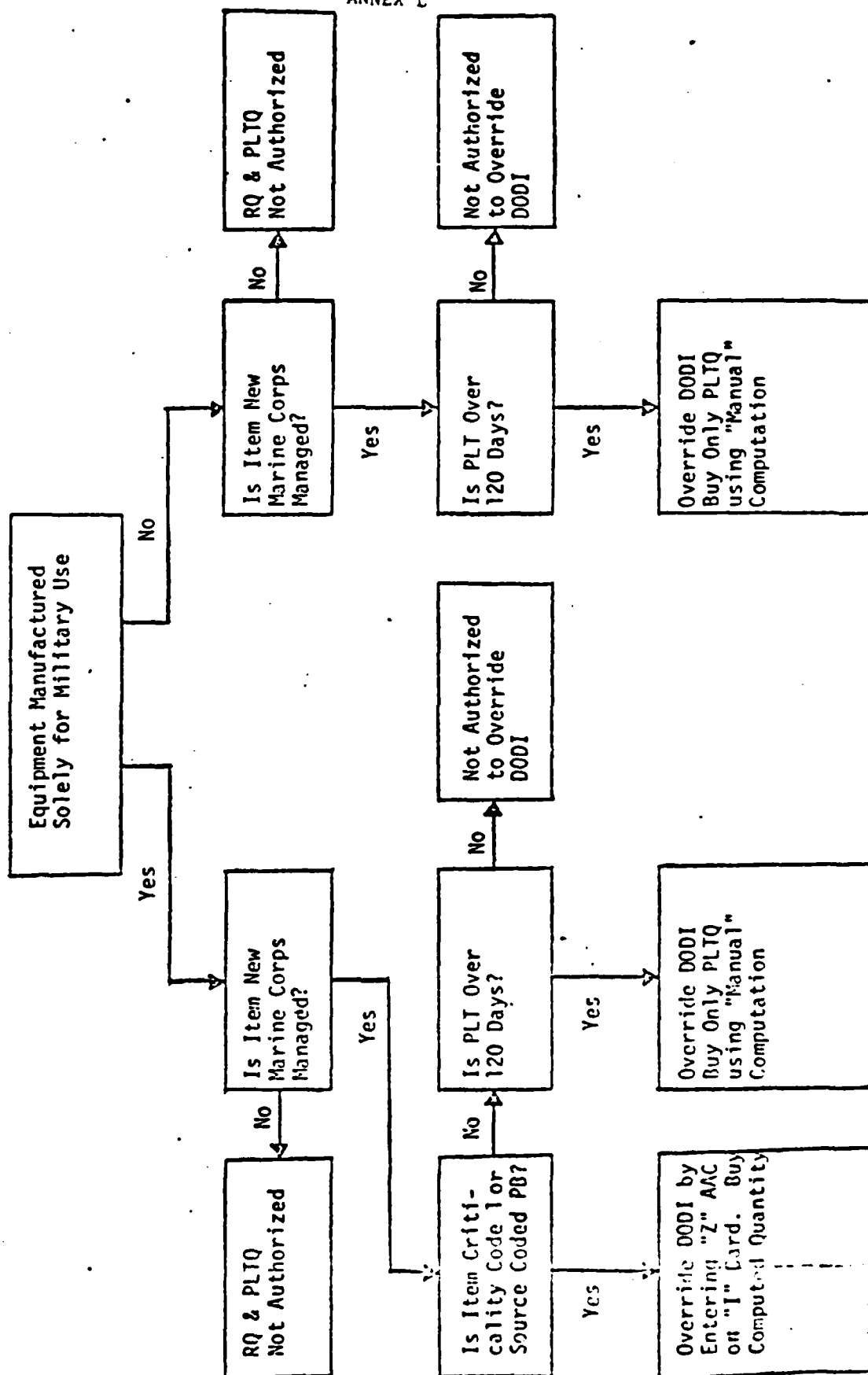
120

## AUTHORIZATION TO OVERRIDE DODI





# AUTHORIZATION TO OVERRIDE DODI (MISSION SUPPORT EQUIPMENT)



# SUMMARY EMPIRICAL RELATIONSHIP ANNEX L

Freq : Qty

| EAST <u>Typical</u> Freq |       | EAST <u>Typical</u> Qty | Emp Relationship |
|--------------------------|-------|-------------------------|------------------|
| Jun 78                   | 6,564 | 294,588                 | 1:45             |
| Sep 78                   | 6,556 | 6,861,006               | 1:10,459         |

| EAST <u>High</u> Freq |       | EAST <u>High</u> Qty | Emp Relationship |
|-----------------------|-------|----------------------|------------------|
| JUN 78                | 5,112 | 3,042,022            | 1:595            |
| Sep 78                | 4,913 | 2,027,097            | 1:413            |

| 2. WEST <u>Typical</u> Freq |        | WEST <u>Typical</u> Qty | Emp Relationship |
|-----------------------------|--------|-------------------------|------------------|
| Jun 78                      | 13,126 | 114,165                 | 1:9              |
| Sep 78                      | 12,769 | 1,170,705               | 1:92             |

| WEST <u>High</u> Freq |       | WEST <u>High</u> Qty | Emp Relationship |
|-----------------------|-------|----------------------|------------------|
| Jun 78                | 3,803 | 3,684,105            | 1:969            |
| Sep 78                | 3,400 | 2,854,544            | 1:840            |

## Significant I/O Control Coded Records

|                             | June 1978 | September 1978 |
|-----------------------------|-----------|----------------|
| Security Code 'J'           | 114       | 132            |
| 4. Procurement Control Code | 23,430    | 29,251         |
| 5. Input Control Code       | 8,275     | 8,624          |

Additional Note: The Empirical Relationship routine in Forecasting is set up within the following parameters:

- Both PD + NPD type Demands are utilized in arriving at Freq (no. of Regns) and Qty (no. of units on regns). Also, PRF Demands are excluded.
- The 'High' separation of Freq/Qty reflects FG 00, 01, FSC 6135 and selected LVT-P7 NSN's.

ANNEX L  
INITIAL ISSUE STEPS

1. MCLB recommends Project/Equipment Ready-for-Issue.
2. HQMC directs that initial issue be effected.
3. Provisioner loads Parts Data (i.e., NSN, Unit of Issue, SAC, Maintenance Codes, Purpose Code, Allowance Factors, Repair Rate, Repair Cycle Time, Unit Price, Applicable Force Code, Criticality Code, Acquisition Advice Code and ID Number) and Organizational Data (i.e., Activity Account Code, RSA, Priority, Authorized Maintenance Code, End Item Qty, Authorize GOL/M-O Day Levels, I/I Supplier and Applicable Force Code) to initial issue file (H16).
4. Program computes GOL/M-O Requirements; builds H16 File which consists of every NSN and Quantity for each specific organization; and creates an Initial Issue Control File tape that is provided to the SASSY and Non-SASSY (Schools) Units. In addition, a release transaction tape is created and processed to the MIF (SS-03). On a specific date, normally 21 days after release transaction (IICF) tape is processed, the program creates the Materiel Release Orders (MROs). The assets are then released to the field.
5. Interpurpose Transfer is taken by the provisioner to delete all Purpose Code "G" and "V" (initial issue) requirements from the Provisioning Requirements File (PRF), transfer Purpose Code "W" and "X" (system stock) to "A" (general issue), transfer Purpose Code "U" (PWR) to "D" and Purpose Code "B" (unfunded PWR) to "B". A Dummy Protection Date of 99365 is posted to SS-03 to prevent stratification.
6. Upon receipt of materiel, the field submits a "BP3" transaction. This card is input to the "H16" file and deletes the entire NSN or a portion of the quantity thereof from the specific organization.
7. When all of the assets for a particular project have been deleted, or FMFLANT and FMFPAC have placed end item in-service, Code P820 requests an In-Service Date from HQMC.
8. Upon receipt of an In-Service Date, the provisioning project is deleted, and the protection date in SS-03 is updated to cite 2 years + actual In-Service Date.

ANNEX M

SASSY

SASSY ACCOUNTING MANUAL OVERVIEW

ANNEX M

SASSY

SUPPORTED ACTIVITIES SUPPLY SYSTEM

SASSY

THE SUPPORTED ACTIVITIES SUPPLY SYSTEM (SASSY) IS THE MECHANIZED SUPPLY MANAGEMENT SYSTEM DEVELOPED FOR USE AT THE DIRECT SUPPORT ECHELON OR USER LEVEL OF SUPPLY.

SASSY IS DESIGNED TO ACCOMPLISH SUPPLY ACCOUNTING FOR THE AIR GROUPS, BATTALIONS, INDEPENDENT SQUADRONS AND SEPARATE COMPANIES OF THE FLEET MARINE FORCE.

SASSY IS ALSO A MANAGEMENT INFORMATION SYSTEM. THE CENTRALIZATION AND MECHANIZATION OF USING UNIT RECORDS AT THE SASSY MANAGEMENT UNIT (SMU) CREATES A VIABLE DATA BASE FOR USE AS A MANAGEMENT TOOL.

CHAPTER 2

SASSY AS PART OF THE MARINE CORPS SUPPLY SYSTEM

0200 POSITION IN THE MARINE CORPS SUPPLY SYSTEM

1. SASSY occupies a position in the Marine Corps Supply System below the general support or distribution system level--MUNMS. Operating at the direct support level of Marine Corps supply, SASSY works directly for the operating forces of the FMF.
2. SASSY's position in the Marine Corps Supply System is graphically depicted in figure 2-1.

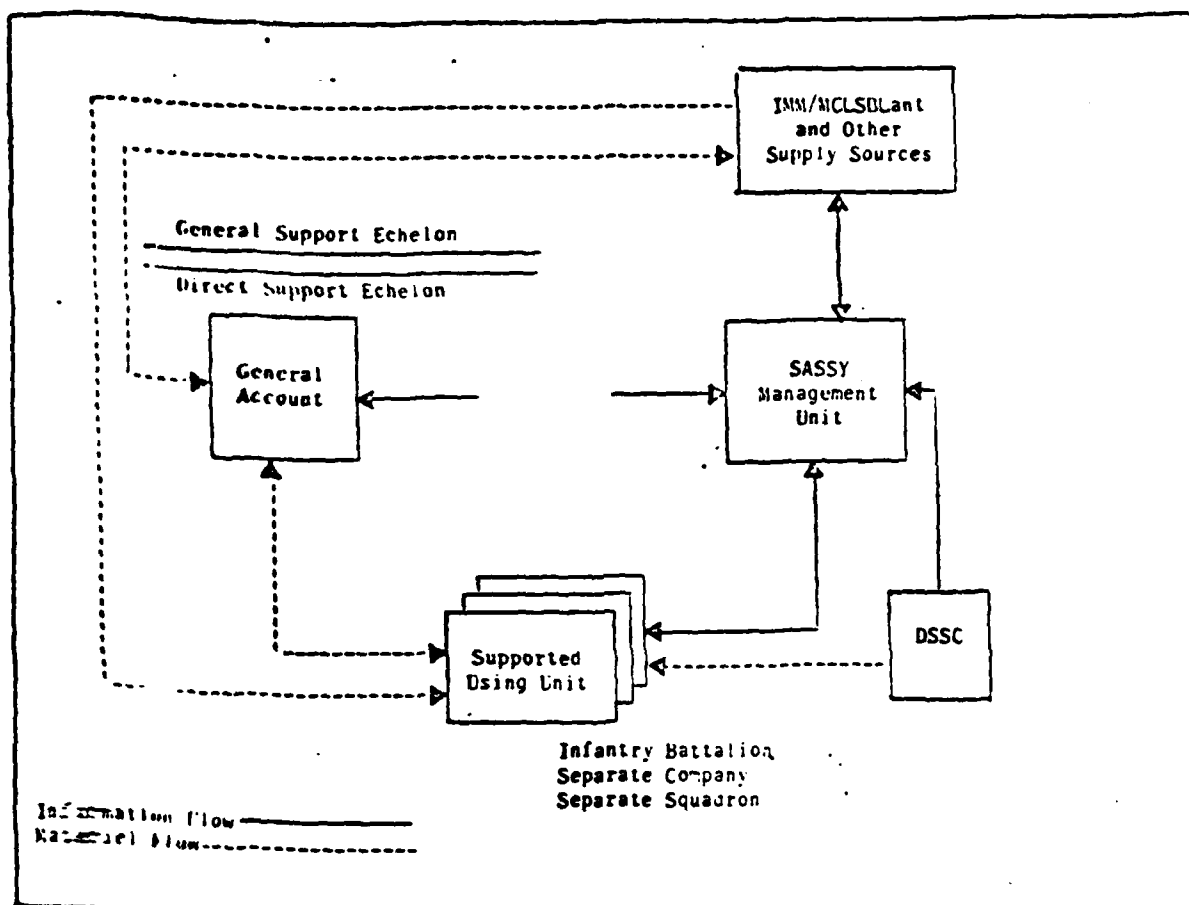


Figure 2-1. Marine Corps Supply System

3. The SASSY is the using unit commanders link with all supply distribution systems, to include the Marine Corps Logistics Support Base, Atlantic (MCLSLant), and the Integrated materiel managers (IMM's).

SASSY ADVANTAGES

CENTRALIZATION OF RECORDS

INVENTORY CONTROL DATA/OPERATING STOCK

STANDARDIZATION OF GENERAL ACCOUNT OPERATIONS

MANAGEMENT EVALUATION OF PERFORMANCE

ASSET VISIBILITY

MATERIEL MOBILIZATION/DISTRIBUTION

SYSTEM INTERFACE

MUMMS

MINMS

MARES

STANDARD FORMATS UTILIZED (DOD) MILSTRIP  
MILSTRAP

MANAGEMENT FLEXIBILITY

INCREASES TO WORKLOAD/TRANSACTIONS

INCREASE READINESS

IMPROVED REQUIREMENTS' DETERMINATIONS/HIGH-PRIORITY  
REQUISITIONS

HANDLING OF ALLOWANCES

MANAGEMENT OF MOUNT OUT

MATERIEL CONTROL

## STOCKAGE CRITERIA

THE BASIS FOR THE ESTABLISHMENT OF A COMPUTER-PRODUCED RO/ROP IS 4 OR MOVEMENTS IN THE PRECEDING 12 MONTHS. THIS CRITERIA WILL BE THE NORMAL CRITERIA FOR CALCULATION OF THE RO/ROP FOR THE GENERAL ACCOUNT.

NEW RO/ROP'S MAYBE COMPUTED MONTHLY.  
LEVELS OF SUPPLIES AUTHORIZED FOR A GENERAL ACCOUNT ARE:

1. OPERATING LEVEL - 90 DAYS MIDPAC/WESPAC 60 DAYS FOR CONUS
2. SAFETY LEVELS - - NOT TO EXCEED 50% OF OPERATING LEVEL
3. OST



## INITIAL ISSUE PROVISIONING

ANNEX M

INITIAL PROVISIONING INCLUDES THE IDENTIFICATION, SELECTIVE ACQUISITION OF ITEMS REQUIRED FOR MAINTENANCE PURPOSES TO ASSURE ADEQUATE, TIMELY AND NECESSARY INITIAL SUPPORT ITEMS BE POSITIONED IN THE APPROPRIATE SEGMENTS OF THE SUPPLY SYSTEM AND MAINTENANCE ECHELONS BEFORE NEW ITEMS ARE PLACED IN-SERVICE.

THE PROVISIONING PROCESS ESTABLISHES THE RANGE AND QUANTITY OF ITEMS REQUIRED TO SUPPORT AN END ITEM FOR THAT PERIOD OF TIME THAT EXTENDS FROM PLACING AN END ITEM IN-SERVICE UNTIL FULL RESPONSIBILITY FOR SUPPORT CAN BE ASSUMED BY THE SUPPLY SYSTEM THROUGH ROUTINE PROCEDURES.

THE STOCKAGE OBJECTIVE QUANTITY WILL NORMALLY REMAIN FIXED DURING A PERIOD OF 2 YEARS. AT THE END OF THIS TIME STOCK LEVELS MAY BE ADJUSTED TO REFLECT ACTUAL USAGE. WHEN VALID DATA FOR DEMAND INDICATES HIGHER STOCK LEVELS SHOULD BE ESTABLISHED, THEY MAY BE INCREASED ON AN INDIVIDUAL BASIS. IF AT THE END OF 2 YEARS, THE INITIAL ISSUE QUANTITY HAS HAD ZERO USAGE, THE ENTIRE QUANTITY WILL BE RETAINED AN ADDITIONAL 2 YEARS.

THE PROVISIONING PROCESS MAY COMMENCE AT ANY PHASE OF THE SYSTEM ACQUISITION PROCESS, DEPENDING ON THE TYPE OF ACQUISITION PROGRAM (I.E. DEVELOPMENT, TEST AND EVALUATION (RDT&E) EFFORT; OFF-THE-SHELF PROCUREMENT, JOINT SERVICES PROGRAMS, ETC.).

PRINCIPAL PROVISIONING FUNCTIONS WILL FOCUS ON EARLY FUNDING ESTIMATES FOR BUDGETARY PLANNING, THE ACTUAL SELECTION AND ACQUISITION OF SUPPORT ITEMS WHEN THE END ITEM GOES INTO PRODUCTION, THE DISTRIBUTION OF THE SUPPORT ITEMS TO FIELD USING AND SUPPORTING ORGANIZATIONS, AND TERMINATES WHEN THE END ITEMS ARE PLACED IN-SERVICE.

## INITIAL ISSUE PROVISIONING      ANNEX M

INITIAL PROVISIONING INCLUDES THE IDENTIFICATION, SELECTIVE ACQUISITION OF ITEMS REQUIRED FOR MAINTENANCE PURPOSES TO ASSURE ADEQUATE, TIMELY AND NECESSARY INITIAL SUPPORT ITEMS BE POSITIONED IN THE APPROPRIATE SEGMENTS OF THE SUPPLY SYSTEM AND MAINTENANCE ECHELONS BEFORE NEW ITEMS ARE PLACED IN-SERVICE.

THE PROVISIONING PROCESS ESTABLISHES THE RANGE AND QUANTITY OF ITEMS REQUIRED TO SUPPORT AN END ITEM FOR THAT PERIOD OF TIME THAT EXTENDS FROM PLACING AN END ITEM IN-SERVICE UNTIL FULL RESPONSIBILITY FOR SUPPORT CAN BE ASSUMED BY THE SUPPLY SYSTEM THROUGH ROUTINE PROCEDURES.

THE STOCKAGE OBJECTIVE QUANTITY WILL NORMALLY REMAIN FIXED DURING A PERIOD OF 2 YEARS. AT THE END OF THIS TIME STOCK LEVELS MAY BE ADJUSTED TO REFLECT ACTUAL USAGE. WHEN VALID DATA FOR DEMAND INDICATES HIGHER STOCK LEVELS SHOULD BE ESTABLISHED, THEY MAY BE INCREASED ON AN INDIVIDUAL BASIS. IF AT THE END OF 2 YEARS, THE INITIAL ISSUE QUANTITY HAS HAD ZERO USAGE, THE ENTIRE QUANTITY WILL BE RETAINED AN ADDITIONAL 2 YEARS.

THE PROVISIONING PROCESS MAY COMMENCE AT ANY PHASE OF THE SYSTEM ACQUISITION PROCESS, DEPENDING ON THE TYPE OF ACQUISITION PROGRAM (I.E. DEVELOPMENT, TEST AND EVALUATION (RD&E) EFFORT; OFF-THE-SHELF PROCUREMENT, JOINT SERVICES PROGRAMS; ETC.).

PRINCIPAL PROVISIONING FUNCTIONS WILL FOCUS ON EARLY FUNDING ESTIMATES FOR BUDGETARY PLANNING, THE ACTUAL SELECTION AND ACQUISITION OF SUPPORT ITEMS WHEN THE END ITEM GOES INTO PRODUCTION, THE DISTRIBUTION OF THE SUPPORT ITEMS TO FIELD USING AND SUPPORTING ORGANIZATIONS, AND TERMINATES WHEN THE END ITEMS ARE PLACED IN-SERVICE.

02014 PROVISIONING/BILL OF MATERIEL/EQUIPMENT REPAIR ORDER SYSTEM

1. PURPOSE. THE PROVISIONING/BOM/ERO SYSTEM PROVIDES THE MANAGER WITH THE LATEST STATUS ON OUTSTANDING PROVISIONING, BOM, AND ERO PROJECTS.
2. FILES. THE DASF (DUE AND STATUS) AND MHIF (MASTER HEADER) ARE USED ALONG WITH DIC ZP4 PROJECT REQUEST CARDS. (SEE EXAMPLE)
3. PROCESSING. THE INPUT ZP4 TRANSACTIONS ARE SORTED BY ACTIVITY, ERO, BOM AND PROVISIONING PROJECT NUMBERS. UP TO 50 ZP4 PROJECT REQUEST CARDS CAN BE ACCEPTED FOR A SINGLE REQUESTING ACTIVITY. THE INPUT ZP4 TRANSACTIONS CREATE A ZP3 PROVISIONING REPORT CARD CONTROL FILE. THE ZP3 CONTROL FILE IS COMPARED TO THE DASF; AND ALL MATCHING PROVISIONING, BOM, AND ERO PROJECT NUMBERS ARE EXTRACTED. THE ZP4 IS CHECKED FOR REPORT INDICATOR 1, AND THE DASF IS CHECKED FOR PURPOSE CODE G. IF BOTH CONDITIONS EXISTS, A ZP3 PROVISIONING REPORT CARD IS PRODUCED FOR SUBMISSION TO THE MCLBLANT. THE ZP3 FILE IS PROCESSED AGAINST THE MHIF TO OBTAIN NOMENCLATURE FOR THE ITEM.
4. PROVISIONING/BOM/ERO REPORT. THE DASF EXTRACT RECORDS ARE SORTED IN ACTIVITY, ERO NUMBER, PROVISIONING PROJECT, AND BOM NUMBER SEQUENCE. EACH PROJECT HAS FOUR COUNTERS:
  - A. THE TOTAL LINE ENTRIES FOR A PROJECT.
  - B. THE TOTAL LINE ENTRIES WHICH HAVE A CRITICAL LOW-DENSITY INDICATOR. (CLDI).
  - C. THE TOTAL LINE ENTRIES WHICH HAVE NOT BEEN COMPLETED.
  - D. THE TOTAL LINE ENTRIES WHICH HAVE NOT BEEN COMPLETED AND CONTAIN A CLDI.

THE TOTAL LINE ENTRIES COUNTER IS COMPARED WITH THE TOTAL LINE ENTRIES COUNTER NOT COMPLETED, AND A COMPLETION PERCENTAGE IS CALCULATED FOR A PARTICULAR PROJECT. ALSO, THE LINE ENTRIES WITH A CLDI ARE COMPARED TO THE LINE ENTRIES NOT COMPLETED WITH A CLDI; AND A COMPLETION PERCENTAGE IS CALCULATED.

## ANNEX M

VOLUME V

## FMF SASSY ACCOUNTING MANUAL

| <u>Code</u> | <u>Transaction Document Title</u>                  | <u>Action/Explanation</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u>Type</u> |
|-------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| EP1         | Provisioning Back-Order Establish-ment Transaction | Processing requirements are determined by the following specifications:<br>a. The AC (CC's 4-9) must contain a valid AC.<br>b. The unit of issue field (CC's 33-34) must contain a valid unit of issue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Input       |
| EP2         | MCLSLant Provisioning Due Notice                   | Data element requirements are as follows:<br>a. The AC (CC's 4-9) is the AC of the general account.<br>b. The document number (CC's 10-17) is an MCLSLant-generated document number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Input       |
| EP3         | Provisioning Report Card/Tape Layout               | Computer-generated. Used to determine status of project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Output      |
| EP4         | Provisioning and BOM Report Generator Card         | Processing requirements are determined by the following specifications:<br>a. If the data entry fields, provisioning project code (CC's 11-13), and BCM number (CC's 21-23) are blank, a report will be generated for all project codes and BOM numbers, as applicable. If entries are made in these fields, reports will be generated for the applicable provisioning or BOM project; e.g., the BCM number is entered in the BOM number field (CC's 21-23) when a report for a particular BOM project is desired.<br>b. Enter the code "1" in the transfer indicator field (CC 14) to cause DAD transactions to be generated to move provisioning onhand to OPSTK onhand in the balance file. A project code or BOM number must be in the EP4 input transaction document. | Input       |
| EOI         | Inquiry Transaction                                | Applicable to DASF, MRPF, and GIDF during the daily update; other files, during Inquiry Subsystem. File Indicator Codes DS (due and status), MP (Material Returns Program), and DF (general account incoming demand file) are the only valid entries during the daily update. File indicators AL, BA, DF, DS, GA, GB, MF, MH, MO, MP, UB, UF, and VF are applicable during the Inquiry Subsystem.                                                                                                                                                                                                                                                                                                                                                                          | Input       |

## Provisioning BO Establishment (ZP1)

|         |    |    |    |    |    |    |    |    |    |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|----|----|----|---------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| SUB TO  |    |    |    |    |    |    |    |    |    | TRANSACTION IS FROM |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 1       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11                  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 2       | P  | 1  | M  | 1  | 2  | 0  | 2  | 0  |    |                     |    |    |    |    |    |    |    |    |    | 2  | 5  | 3  | 0  | 0  | 0  | 6  | 9  | 7  |
| 30      | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40                  | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 |    |    |    |    |    |    |    |    |    |
|         |    |    |    |    |    |    |    |    |    |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50      | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60                  | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |    |    |    |    |    |    |    |    |    |
| 0       | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0                   | 0  | 0  | 0  | 0  | 0  | 0  | 4  | 4  | 0  |    |    |    |    |    |    |    |    |    |
| 70      | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0       |    |    |    |    |    |    |    |    |    |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LIM 3 5 |    |    |    |    |    |    |    |    |    |                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

LEGEND

| <u>CC</u> | <u>Title</u>                      | <u>Explanation or Entry</u>                                                                        |
|-----------|-----------------------------------|----------------------------------------------------------------------------------------------------|
| 1-3       | Document Identifier Code          | Enter DIC ZP1.                                                                                     |
| 4-9       | Activity Address Code             | Enter the AC which the BO is established for.                                                      |
| 17        | Blank                             | Leave blank.                                                                                       |
| 32        | National Stock Number             | Enter the NSN of the item being back-ordered.                                                      |
| 33-34     | Unit of Issue                     | Enter the U/I.                                                                                     |
| 35-39     | Quantity Garrison Operating Level | Enter the authorized GOL quantity.                                                                 |
| 40-44     | Quantity Mount Out                | Enter the authorized mount-out quantity.                                                           |
| 45-49     | Quantity Mount-Out Augmentation   | Enter the authorized mount-out augmentation quantity.                                              |
| 50-58     | Unit Price                        | Enter the unit price.                                                                              |
| 59-71     | Extended Dollar Value             | Enter the extended dollar value.                                                                   |
| 72-76     | Blank                             | Leave blank.                                                                                       |
| 77        | Critical Low-Density Indicator    | The letter "L" will appear in this block if the item is designated as a critical low-density item. |
| 78-80     | Provisioning Project Code         | Enter the provisioning project code.                                                               |

## MCLSBLant Provisioning Due Notice (2P2)

|                                                                               |  |                                                                |  |
|-------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|
| TRANSACTION IS FROM                                                           |  | TRANSACTION IS TO                                              |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 |  | 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 |  |
| 3 P 2 M M L 2 0 0 3 1 2 2 B 1 2 3 2 5 1 0 0 0 0 0 2 1 1 1                     |  |                                                                |  |
| 4 1 E A 0 0 0 2 5 3 3 3 1 0 0 0 0 0 0                                         |  |                                                                |  |
| 0 0 0 0 1 1 8 3 3 3 0 0 0 0 0 4 2 4                                           |  |                                                                |  |
| 8 0 0 0 3 6 1 2 5                                                             |  |                                                                |  |

LEGEND

| <u>CC</u> | <u>Title</u>                      | <u>Explanation or Entry</u>                                                                                  |
|-----------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1-3       | Document Identifier Code          | Enter DIC 2P2.                                                                                               |
| 4-17      | Document Number                   | This will be an ICP-generated document number. The AC of the document number will be of the general account. |
| 18-32     | National Stock Number             | Enter the NSN of items due.                                                                                  |
| 33-34     | Unit of Issue                     | Enter the U/I of the NSN.                                                                                    |
| 35-39     | Quantity Garrison Operating Level | Enter the quantity authorized GOL.                                                                           |
| 40-44     | Quantity Mount Out                | Enter the quantity authorized for mount out.                                                                 |
| 45-49     | Quantity Mount-Out Augmentation   | Enter the quantity authorized for MCA.                                                                       |
| 50-58     | Unit Price                        | Enter the standard unit price of the M.                                                                      |
| 59-71     | Extended Dollar Value             | Enter the extended price.                                                                                    |
| 72-76     | Total Quantity                    | Enter the total quantity required.                                                                           |
| 77        | Critical Low-Density Indicator    | The letter "L" will appear in this column when the item is designated as critical low-density item.          |
| 78-80     | Provisioning Project Code         | Enter the provisioning project code.                                                                         |

## Provisioning Report Card/Tape Layout (BP3)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| TRANSACTION TO FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td> </tr> <tr> <td>B</td><td>P</td><td>3</td><td>M</td><td>P</td><td>B</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22      | 23 | 24 | 25 | 26 | 27 | 28 | 29 | B | P | 3 | M | P | B |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22      | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | P  | 3  | M  | P  | B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <tr> <td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td colspan="8">REMARKS</td> </tr> <tr> <td>M</td><td>M</td><td>L</td><td>2</td><td>C</td><td>0</td><td>3</td><td>C</td><td>1</td><td>8</td><td>9</td><td>1</td><td>1</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>                                            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | REMARKS |    |    |    |    |    |    |    | M | M | L | 2 | C | 0 | 3 | C | 1 | 8 | 9 | 1 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | REMARKS |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M  | L  | 2  | C  | 0  | 3  | C  | 1  | 8  | 9  | 1  | 1  | 0  |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <tr> <td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td><td colspan="8"></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>B</td><td>C</td><td>D</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>                                                                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   | B | C | D |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |    |    |    |    | B  | C  | D  |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <tr> <td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td><td colspan="18"></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>M</td><td>L</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>                                                                                                                                                                                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   | M | L | 3 |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |    |    |    |    | M  | L  | 3  |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

LEGEND

| <u>CC</u> | <u>Title</u>             | <u>Explanation or Entry</u>       |
|-----------|--------------------------|-----------------------------------|
| 1-3       | Document Identifier Code | Enter DIC BP3.                    |
| 4-6       | Routing Identifier Code  | Enter RIC MPB.                    |
| 7         | Receipt Indicator        | Enter the receipt indicator       |
| 22        | National Stock Number    | Enter the DASF RNSN.              |
| 23-24     | Unit of Issue            | Enter the DASF U/I.               |
| 25-29     | Quantity Received        | Enter the DASF quantity received. |
| 30-43     | Document Number          | Enter the DASF document number.   |
| 44-56     | Blank                    | Leave blank.                      |
| 57-59     | Project Code             | Enter the DASF project code.      |
| 60-77     | Blank                    | Leave blank.                      |
| 78-80     | RIC of SMU               | Enter the RIC of the SMU.         |

## ANNEX M

VOLUME V

## FMF SASSY ACCOUNTING MANUAL

## Provisioning and BOM Report Generator Card (2P4)

|                                                                                  |  |  |  |  |  |  |  |  |  |                                                             |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| SEND TO                                                                          |  |  |  |  |  |  |  |  |  | TRANSACTION IS FROM                                         |  |  |  |  |  |  |  |  |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 |  |  |  |  |  |  |  |  |  | 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 |  |  |  |  |  |  |  |  |  |
| ZIP 4 1 M M L 1 0 0 B 2 3                                                        |  |  |  |  |  |  |  |  |  |                                                             |  |  |  |  |  |  |  |  |  |
| 20 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50                   |  |  |  |  |  |  |  |  |  |                                                             |  |  |  |  |  |  |  |  |  |
| 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70                      |  |  |  |  |  |  |  |  |  |                                                             |  |  |  |  |  |  |  |  |  |
| 71 72 73 74 75 76 77 78 79 80                                                    |  |  |  |  |  |  |  |  |  |                                                             |  |  |  |  |  |  |  |  |  |

LEGEND

| <u>CC</u> | <u>Title</u>                  | <u>Explanation or Entry</u>                                                                                                                    |
|-----------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-3       | Document Identifier Code      | Enter DIC 2P4.                                                                                                                                 |
| 4         | Report Indicator Code         | Enter "1" to produce BP3 cards.                                                                                                                |
| -10       | Activity Address Code         | Enter the AC to which the transaction is being sent.                                                                                           |
| 11-13     | Provisioning Project Code     | When "XXX" is entered, the report will be in all project codes. The project code is entered when a report for a particular project is desired. |
| 14        | Blank                         | Leave blank.                                                                                                                                   |
| 15-19     | Equipment Repair Order Number | Enter the ERO number. When "XXXXX" is entered, the report will display all ERO numbers.                                                        |
| 20-22     | Bill of Materiel Number       | When "XXX" is entered, the report will be in all BOM numbers. The BOM number is entered when a report for a particular BOM project is desired. |
| 23-80     | Blank                         | Leave blank.                                                                                                                                   |



ANNEX M

MAINTENANCE FLOAT

PROVISIONING PROCEDURES ARE BRIEF AND CONCENTRATE PRIMARILY IN STOCKAGE LEVELS.

AS AN EXAMPLE: IF THERE ARE SEVERAL PROVISIONING PROJECTS WHICH INCLUDE THE SAME NSN ITEMS, THE PROVISIONING ALLOWANCE IS COMPUTED AS THE TOTAL SUM OF ALL PROVISIONING PROJECTS' NSN QUANTITIES.

AS ANOTHER EXAMPLE: IF THERE ARE MSL ITEMS CONTAINED IN AN UNRELEASED PROVISIONING PROJECT, IT IS TREATED AS A PROVISIONING PROJECT UNTIL RELEASED. UPON RELEASE OF THE PROVISIONING PROJECT, THE MSL PORTION IS MOVED TO THE MSL ALLOWANCE FIELD OF THE BALANCE FILE. PRIOR TO PROJECT RELEASE FOR IN-SERVICE, THERE SHOULD BE NO QUANTITY ENTERED IN THE BALANCE FILE ALLOWANCE FIELD.

WAR RESERVE POLICY MANUAL

MCO P4400.39D

PURPOSE: To promulgate logistic policy for the selection and management of Marine Corps War reserve material.

I. War Reserve System

- Objective is to insure that an acceptable level of material is available to the Fleet Marine to provide support during mobilization and in combat operations.

System Overview

- Development of requirements and attainment of assets to assure support for the FMF from M-day through period of support planned for each MAF and 4th DWT.
- Marine Corps provides following support:
  - a. Class I (operational rations)
  - b. Class II (forms and pubs)
  - c. Class III (60 day mountout less bulk air/ground POL and aviation related).
  - d. Class IV
  - e. Class V (ground ammo)
  - f. Class VI
  - g. Class VII (less aviation peculiar)
  - h. Class IX (less aviation peculiar)
- Navy provides aviation peculiar support plus Class VIII (medical/dental).

II. War Reserve Stocks (WRS)

- WRS shall be acquired, held and maintained only to meet the war reserve material requirements (WRMR--that sum of requirements calculated separately for each MAF and 4th DWT-- determined and established in accordance with planning and programming guidance.
- WRS shall be reviewed at least annually.

Positioning of WRS

- 60 day level will be positioned, to maximum extent possible, with active forces as mount out.
- Minimum stockage list (MSL) items will be held by using units. All other items will be centrally managed by appropriate FMF service support element.
- WRM stocks held by Marine Corps Stores Distribution System shall be positioned so as to provide maximum assurance that stocks are readily available when required by the FMF.

III. Issue of War Reserve Stocks

- Cognizant commander must have capability to replenish stocks. After issue WRS shall be promptly replenished.
- During peace time authority to issue is limited to:
  - a. CMC (Code L) for principal end items (to include Class V) held by Marine Corps Stores Distribution System.
  - b. CG, MCLB, Albany for issue of secondary items held by Marine Corps Stores Distribution System.
  - c. FMF commanders for issue of stocks held and owned by the FMF.

IV. Class IX PolicyMinimum Stockage List (MSL)

- MSL concept is designed to support "critical low density" equipment. The MSL contains repair parts and SecReps whose failure in the end item would render that end item either inoperative or degrade its essential performance in combat.
- Range and depth of repair part and SecRep requirements will be determined by MCLB, Albany in accordance with MCO P4400.79.
- MSL positioned at using unit level.
- MSL for Reserves will be held in stores system for issue upon mobilization, with the exception of those allowances authorized to be held by the Reserves in peacetime by CMC (Code L).

## ANNEX N

- Authority to designate an end item as critical low density is restricted to CMC (Code L).
- Operating stocks of MSL at service unit level will be in accordance with SASSY stockage policy.

### Secondary Reparables

- MCLB, Albany will calculate the 60-day mount-out level of SecReps for each MAF and the 4th DWT. After review and approval the active forces, the mount out level will be attained and positioned by the designated PMF maintenance float accounts. Assets for the 4th DWT will be held in stores system as Positioned WRMS for issue upon mobilization.
- Secondary non-depot reparables are selected for inclusion in the PMF maintenance floats on an item-by-item basis by the designated float managers. The 60-day mount out level for these non-depot SecReps will be calculated by the Active forces and will be attained and positioned by the designated PMF Maintenance Float Account.
- Secondary non-depot reparables not selected for management in a maintenance float account will be managed as common repair parts.

### Repair Parts

- General concept calls for the computation of repair parts requirements on the basis of the full period of support planned for each MAF and the 4th DWT.
- MCLB, Albany will calculate the war reserve requirements for repair parts for the full period of support planned for each MAF and the 4th DWT.

#### Calculations based on

- Demand history, from SASSY.
- Data in critical item file of Logistics Information System (LIS).
- Technical expertise.

ANNEX N

- MCLB, Albany calculations will be forwarded to each active MAF for review and determination of a 60-day mount out level. The mount out level to be held by the FMF will be offset by the depth of support available in the prescribed safety level of the items normally stocked by the Active forces.
- Remainder of war reserve material requirement for each active MAF will be attained and centrally managed in the stores system as PWRMS.

CRITERIA FOR SELECTION OF ITEMS FOR WAR RESERVES

1. The following criteria shall be used for the selection of items as war reserves:

a. Items essential for combat forces to:

- (1) Destroy the enemy or his capacity to continue war.
- (2) Provide battlefield protection of personnel.
- (3) Detect, locate, and maintain surveillance of the enemy.
- (4) Communicate under war conditions.

b. Items essential for the operational effectiveness of combat support forces and the expanded logistics system in support of combat forces. Items contained in this group include those applicable to contiguous transportation and the support of men and materiel, and for establishment or construction of logistics bases, port facilities, lines of communication, hospitals, etc.

c. Items without which essential equipment or weapon systems would be inoperative or operationally ineffective.

d. Items essential for the sudden mobilization and/or deployment of approved Active and Reserve forces; e.g., initial equipping, housing, and training of Reserve forces.

e. Items required for survival and protection of personnel; e.g., medical supplies and equipment, certain air/sea rescue items, and specialized life-protective clothing and equipment.

f. Items designated as operational rations.

2. Items meeting any of the criteria in paragraph 1, preceding, which also meet one or more of the criteria listed in the following should be given special consideration in the selection process:

a. Items which are known to have production difficulties (e.g., long leadtime items; items where there is a lack of adequate production capability, lack of required materials, or lack of specialized production skills or equipment; and items that require continuous surveillance of the production base).

b. Items having a single production source or which are predominately produced in a foreign nation(s).

c. Items designed and fabricated only at military industrial activities and which are not available from commercial sources.

3. Items which meet the following criteria will not be selected as war reserves:

a. Items required solely for comfort, convenience, or morale.

b. Items determined to be contractor-/vendor-supported during the early development of production phase.

c. Items which can be readily fabricated in the field with available tools and material.

ANNEX N

WAR RESERVE POLICY MANUAL

j. Items which are not essential for the performance of combat, combat support, or combat service support missions.

e. Subsistence items, except for those designated as operational rations.

f. Items normally available from commercial sources in sufficient quantities and in the time required to meet wartime military demands. Exceptions are permitted when urgent military considerations dictate that commercial-type items must be prepositioned prior to the assumed day of mobilization (M-day) or emergency operation initiation.

g. Items possessing deteriorative or unstable characteristics to the degree that the storage time period is limited. Certain shelf-life items may be selected when either:

(1) They can be rotated effectively through normal issue.

(2) Considerations of overriding military effectiveness prevail.

h. Items which are limited, nonstandard, obsolete, or are in the process of being replaced by other items.

## ANNEX O

### INITIAL ISSUE STEPS

1. MCLB recommends Project/Equipment Ready-for-Issue.
2. HQMC directs that initial issue be effected.
3. Provisioner loads Parts Data (i.e., NSN, Unit of Issue, SAC, Maintenance Codes, Purpose Code, Allowance Factors, Repair Rate, Repair Cycle Time, Unit Price, Applicable Force Code, Criticality Code, Acquisition Advice Code and ID Number) and Organizational Data (i.e., Activity Account Code, RSA, Priority, Authorized Maintenance Code, End Item Qty, Authorize GOL/M-O Day Levels, I/I Supplier and Applicable Force Code) to initial issue file (H16).
4. Program computes GOL/M-O Requirements; builds H16 File which consists of every NSN and Quantity for each specific organization; and creates an Initial Issue Control File tape that is provided to the SASSY and Non-SASSY (Schools) Units. In addition, a release transaction tape is created and processed to the MIF (SS-03). On a specific date, normally 21 days after release transaction (IICF) tape is processed, the program creates the Materiel Release Orders (MROs). The assets are then released to the field.
5. Interpurpose Transfer is taken by the provisioner to delete all Purpose Code "G" and "V" (initial issue) requirements from the Provisioning Requirements File (PRF), transfer Purpose Code "W" and "X" (system stock) to "A" (general issue), transfer Purpose Code "U" (PWR) to "D" and Purpose Code "E" (unfunded PWR) to "B". A Dummy Protection Date of 99365 is posted to SS-03 to prevent stratification.
6. Upon receipt of materiel, the field submits a "BP3" transaction. This card is input to the "H16" file and deletes the entire NSN or a portion of the quantity thereof from the specific organization.
7. When all of the assets for a particular project have been deleted, or FMFLANT and FMFRAC have placed end item in-service, Code P820 requests an In-Service Date from HQMC.
8. Upon receipt of an In-Service Date, the provisioning project is deleted, and the protection date in SS-03 is updated to cite 2 years + actual In-Service Date.